# lme_mods

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## Packages & Setup

```
# install.packages(c("tidyverse","purrr","R.matlab","readxl","dplyr"))
library(readxl);
library(purrr)
library(tidyverse);
```

```
## -- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
## v dplyr     1.1.4     v readr     2.1.5
## v forcats   1.0.0     v stringr   1.5.1
## v ggplot2   3.5.0     v tibble    3.2.1
## v lubridate 1.9.3     v tidyr     1.3.1
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
library(tibble)
library(knitr);
library(gtsummary)
library(kableExtra)
```

```
##
## Attaching package: 'kableExtra'
##
## The following object is masked from 'package:dplyr':
##
##     group_rows
```

```
library(lme4)
```

```
## Loading required package: Matrix
##
## Attaching package: 'Matrix'
##
## The following objects are masked from 'package:tidyr':
##
##     expand, pack, unpack
```

## GTSUMMARY THEME

```
# my_theme <-
#   list(
#     "tbl_summary-str:default_con_type" = "continuous2",
#     "tbl_summary-str:continuous_stat" = c(
#       "{median} ({p25} - {p75})",
#       "{mean} ({sd})",
#       "{min} - {max}"
#     ),
#     "tbl_summary-str:categorical_stat" = "{n} / {N} ({p}%)",
#     "style_number-arg:big.mark" = "",
#     "tbl_summary-fn:percent_fun" = function(x) style_percent(x, digits = 3)
#   )
# my_theme <-
#   list()
# gtsummary::set_gtsummary_theme(my_theme)
gtsummary::set_gtsummary_theme(theme_gtsummary_journal("jama"))
```

```
## Setting theme `JAMA`
## Setting theme `JAMA`
```

```
# reset_gtsummary_theme()
```

## load table

```
# excel_dir <-"M:/jsalminen/GitHub/par_EEGProcessing/src/_data/MIM_dataset/_studies/04162024_MIM_YAOAN8
excel_dir <-"M:/jsalminen/GitHub/par_EEGProcessing/src/_data/MIM_dataset/_studies/04232024_MIM_YAOAN89_a
eegt <- read_excel(excel_dir,sheet="Sheet1")
```

## get unique entries

```
clusters = unique(eegt$cluster_id);
subjects = unique(eegt$subj_char);
groups = unique(eegt$group_char);
kin_measures = c('mean_APexc_COV','mean_APexc_mean','mean_MLexc_COV','mean_MLexc_mean','mean_StepDur','m
eeg_measures = c('theta_avg_power','alpha_avg_power','beta_avg_power','beta_div_theta','theta_div_beta'
```

## get speeds only

```
eegt <- filter_at(eegt,vars('cond_char'), any_vars(. %in% c('0.25','0.5','0.75','1.0')))
flat_speeds = unique(eegt$cond_char)
eegt$cond_char <- as.numeric(eegt$cond_char)
eegt$speed_cond_num <- as.numeric(eegt$cond_char)
eegt <- mutate(eegt,across(c('subj_char'), factor))
```

### get terrains only (if applicable)

```
# eegt <- filter_at(eegt,vars('cond_char'), any_vars(. %in% c('flat','low','med','high')))
# eegt <- filter_at(eegt,vars('cond_char'), any_vars(. %in% c('high')))
# eegt$terr_ord_speed <- cut(eegt$speed_ms, 4, ordered = TRUE)
```

### convert speeds to ordered & groups to factors

```
eegt <- mutate(eegt,across(c('group_char'), factor))
eegt$speed_ord <- cut(eegt$cond_char, 4, ordered = TRUE)
eegt <- mutate(eegt,across(c('cond_char'), factor))
head(eegt)
```

```
## # A tibble: 6 x 139
##   speed_ms subj_id subj_cl_ind subj_char comp_id design_id cond_id cond_char
##      <dbl> <chr>         <dbl> <fct>       <dbl> <chr>     <chr>   <fct>
## 1     1.2  5                 1 H1011           4 2         1       0.25
## 2     0.69 8                 2 H1017           3 2         1       0.25
## 3     0.51 10                3 H1019           4 2         1       0.25
## 4     0.76 11                4 H1020           6 2         1       0.25
## 5     0.59 12                5 H1022           6 2         1       0.25
## 6     0.8  15                6 H1027           3 2         1       0.25
## # i 131 more variables: group_id <chr>, cluster_id <chr>, aperiodic_exp <dbl>,
## #   aperiodic_offset <dbl>, central_freq_1 <dbl>, central_freq_2 <dbl>,
## #   central_freq_3 <dbl>, power_1 <dbl>, power_2 <dbl>, power_3 <dbl>,
## #   r_squared <dbl>, theta_avg_power <dbl>, alpha_avg_power <dbl>,
## #   beta_avg_power <dbl>, theta_1 <dbl>, theta_2 <dbl>, theta_3 <dbl>,
## #   theta_4 <dbl>, theta_5 <dbl>, theta_6 <dbl>, theta_7 <dbl>, theta_8 <dbl>,
## #   `alpha_ 1` <dbl>, `alpha_ 2` <dbl>, `alpha_ 3` <dbl>, `alpha_ 4` <dbl>, ...
```

```
eegt$group_speed_code = paste(eegt$group_char,eegt$cond_char,sep="_")
eegt <- eegt%>%
  mutate(beta_div_theta=beta_avg_power/theta_avg_power)
eegt <- eegt%>%
  mutate(theta_div_beta=theta_avg_power/beta_avg_power)
```

## LME EEG ~ 1+kin+group+kin:group

| Changes in | mean_APexc_COV | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -1.7 (-23 to 20) | 0.88 | 0.88 | -0.28 (-18 to 17) | 0.97 | 0.97 |
| mean_APexc_COV | 0.21 (-1.2 to 1.6) | 0.76 | 0.88 | 0.08 (-1.0 to 1.2) | 0.89 | 0.97 |
| group_char | | 0.41 | 0.88 | | 0.61 | 0.97 |
| H1000's | — | | | — | | |
| H2000's | -21 (-53 to 11) | | | -12 (-37 to 14) | | |
| H3000's | -14 (-44 to 16) | | | -0.58 (-25 to 23) | | |
| mean_APexc_COV * group_char | | 0.79 | 0.88 | | 0.74 | 0.97 |
| mean_APexc_COV * H2000's | 0.58 (-1.1 to 2.3) | | | 0.42 (-0.92 to 1.8) | | |
| mean_APexc_COV * H3000's | 0.29 (-1.3 to 1.9) | | | 0.04 (-1.2 to 1.3) | | |
| subj_char.sd___(Intercept) | 4.7 (NA to NA) | | | 3.0 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 19 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.4 (-16 to 19) | 0.87 | 0.99 | 3.3 (-11 to 18) | 0.65 | >0.99 |
| mean_APexc_mean | 2.1 (-305 to 309) | 0.99 | 0.99 | -42 (-288 to 203) | 0.73 | >0.99 |
| group_char | | 0.61 | 0.99 | | >0.99 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 2.9 (-23 to 29) | | | 0.20 (-21 to 21) | | |
| H3000's | 11 (-12 to 35) | | | 0.78 (-18 to 19) | | |
| mean_APexc_mean * group_char | | 0.24 | 0.95 | | 0.97 | >0.99 |
| mean_APexc_mean * H2000's | -209 (-720 to 303) | | | -49 (-458 to 360) | | |
| mean_APexc_mean * H3000's | -406 (-876 to 64) | | | -3.6 (-379 to 372) | | |
| subj_char.sd___(Intercept) | 4.5 (NA to NA) | | | 3.8 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.91 (-16 to 18) | 0.91 | 0.94 | -0.43 (-14 to 13) | 0.95 | 0.95 |
| mean_MLexc_COV | 0.05 (-1.1 to 1.2) | 0.94 | 0.94 | 0.10 (-0.78 to 0.97) | 0.83 | 0.95 |
| group_char | | 0.19 | 0.75 | | 0.43 | 0.95 |
| H1000's | — | | | — | | |
| H2000's | -22 (-45 to 1.6) | | | -11 (-29 to 7.8) | | |
| H3000's | -13 (-37 to 11) | | | 0.02 (-19 to 19) | | |
| mean_MLexc_COV * group_char | | 0.39 | 0.77 | | 0.54 | 0.95 |
| mean_MLexc_COV * H2000's | 1.1 (-0.47 to 2.7) | | | 0.65 (-0.58 to 1.9) | | |
| mean_MLexc_COV * H3000's | 0.62 (-0.99 to 2.2) | | | 0.10 (-1.2 to 1.4) | | |
| subj_char.sd___(Intercept) | 5.0 (NA to NA) | | | 3.3 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.9 (-13 to 20) | 0.65 | 0.99 | 4.3 (-8.9 to 17) | 0.52 | 0.96 |
| mean_MLexc_mean | -28 (-217 to 161) | 0.77 | 0.99 | -41 (-191 to 109) | 0.60 | 0.96 |
| group_char | | 0.99 | 0.99 | | 0.96 | 0.96 |
| H1000's | — | | | — | | |
| H2000's | 0.34 (-22 to 22) | | | 0.00 (-18 to 18) | | |
| H3000's | 1.5 (-20 to 23) | | | -2.0 (-19 to 15) | | |
| mean_MLexc_mean * group_char | | 0.80 | 0.99 | | 0.80 | 0.96 |
| mean_MLexc_mean * H2000's | -74 (-313 to 166) | | | -14 (-204 to 176) | | |
| mean_MLexc_mean * H3000's | -73 (-314 to 167) | | | 41 (-150 to 232) | | |
| subj_char.sd___(Intercept) | 5.2 (NA to NA) | | | 3.9 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.89 (-14 to 16) | 0.91 | 0.93 | 2.2 (-9.8 to 14) | 0.72 | 0.97 |
| mean_StepDur | 0.72 (-14 to 16) | 0.93 | 0.93 | -1.4 (-13 to 11) | 0.82 | 0.97 |
| group_char | | 0.28 | 0.57 | | 0.97 | 0.97 |
| H1000's | — | | | — | | |
| H2000's | 9.0 (-16 to 34) | | | 2.2 (-18 to 23) | | |
| H3000's | 21 (-5.2 to 48) | | | 1.5 (-20 to 23) | | |
| mean_StepDur * group_char | | 0.067 | 0.27 | | 0.91 | 0.97 |
| mean_StepDur * H2000's | -20 (-50 to 9.7) | | | -5.4 (-29 to 19) | | |
| mean_StepDur * H3000's | -39 (-74 to -3.4) | | | -0.72 (-29 to 28) | | |
| subj_char.sd__(Intercept) | 3.1 (NA to NA) | | | 3.7 (NA to NA) | | |
| Residual.sd__Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.33 (-13 to 13) | 0.96 | 0.96 | 2.8 (-7.3 to 13) | 0.59 | 0.69 |
| mean_UDexc_COV | 0.10 (-0.86 to 1.1) | 0.84 | 0.96 | -0.15 (-0.91 to 0.60) | 0.69 | 0.69 |
| group_char | | 0.61 | 0.96 | | 0.39 | 0.69 |
| H1000's | — | | | — | | |
| H2000's | -9.2 (-30 to 11) | | | 8.7 (-7.1 to 25) | | |
| H3000's | 0.61 (-20 to 21) | | | -2.9 (-19 to 13) | | |
| mean_UDexc_COV * group_char | | 0.76 | 0.96 | | 0.19 | 0.69 |
| mean_UDexc_COV * H2000's | 0.18 (-1.3 to 1.6) | | | -0.75 (-1.9 to 0.38) | | |
| mean_UDexc_COV * H3000's | -0.39 (-1.9 to 1.1) | | | 0.33 (-0.82 to 1.5) | | |
| subj_char.sd__(Intercept) | 4.8 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.2 (-13 to 17) | 0.78 | 0.93 | -1.9 (-14 to 9.9) | 0.75 | 0.75 |
| mean_UDexc_mean | -25 (-613 to 562) | 0.93 | 0.93 | 118 (-341 to 577) | 0.61 | 0.75 |
| group_char | | 0.72 | 0.93 | | 0.052 | 0.16 |
| H1000's | — | | | — | | |
| H2000's | -7.2 (-29 to 15) | | | -15 (-32 to 2.3) | | |
| H3000's | -8.2 (-30 to 13) | | | 5.5 (-11 to 22) | | |
| mean_UDexc_mean * group_char | | 0.92 | 0.93 | | 0.080 | 0.16 |
| mean_UDexc_mean * H2000's | 24 (-799 to 847) | | | 518 (-124 to 1,160) | | |
| mean_UDexc_mean * H3000's | 150 (-656 to 955) | | | -171 (-798 to 455) | | |
| subj_char.sd___(Intercept) | 5.3 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.79 (-12 to 13) | 0.90 | 0.90 | 1.9 (-8.2 to 12) | 0.71 | 0.98 |
| mean_StanceDur | 0.61 (-8.4 to 9.6) | 0.90 | 0.90 | -0.79 (-8.0 to 6.4) | 0.83 | 0.98 |
| group_char | | 0.44 | 0.89 | | 0.98 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | 3.4 (-18 to 25) | | | 0.37 (-16 to 17) | | |
| H3000's | 15 (-8.0 to 38) | | | 1.7 (-17 to 20) | | |
| mean_StanceDur * group_char | | 0.14 | 0.54 | | 0.96 | 0.98 |
| mean_StanceDur * H2000's | -9.6 (-28 to 8.3) | | | -2.1 (-16 to 12) | | |
| mean_StanceDur * H3000's | -21 (-43 to 0.87) | | | -0.71 (-18 to 17) | | |
| subj_char.sd___(Intercept) | 3.8 (NA to NA) | | | 3.6 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.88 (-14 to 16) | 0.91 | 0.92 | 2.2 (-9.7 to 14) | 0.72 | 0.98 |
| mean_GaitCycleDur | 0.37 (-7.2 to 7.9) | 0.92 | 0.92 | -0.68 (-6.7 to 5.3) | 0.82 | 0.98 |
| group_char | | 0.29 | 0.57 | | 0.98 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | 8.8 (-16 to 34) | | | 2.1 (-18 to 22) | | |
| H3000's | 21 (-5.2 to 48) | | | 1.5 (-20 to 23) | | |
| mean_GaitCycleDur * group_char | | 0.068 | 0.27 | | 0.91 | 0.98 |
| mean_GaitCycleDur * H2000's | -10 (-25 to 4.9) | | | -2.6 (-15 to 9.3) | | |
| mean_GaitCycleDur * H3000's | -19 (-37 to -1.6) | | | -0.37 (-15 to 14) | | |
| subj_char.sd___(Intercept) | 3.1 (NA to NA) | | | 3.7 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 3 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.8 (-9.6 to 15) | 0.66 | 0.83 | -1.1 (-11 to 8.5) | 0.82 | 0.82 |
| mean_PeakUpDownVel_mean | -5.1 (-51 to 41) | 0.83 | 0.83 | 8.6 (-27 to 45) | 0.64 | 0.82 |
| group_char | | 0.38 | 0.83 | | 0.12 | 0.35 |
| H1000's | — | | | — | | |
| H2000's | -10 (-29 to 7.8) | | | -11 (-25 to 3.3) | | |
| H3000's | -12 (-30 to 6.5) | | | 3.8 (-10 to 18) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.71 | 0.83 | | 0.18 | 0.35 |
| mean_PeakUpDownVel_mean * H2000's | 15 (-49 to 80) | | | 35 (-16 to 85) | | |
| mean_PeakUpDownVel_mean * H3000's | 26 (-36 to 88) | | | -10 (-59 to 39) | | |
| subj_char.sd___(Intercept) | 5.3 (NA to NA) | | | 3.2 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -11 (-63 to 42) | 0.69 | 0.78 | 0.73 (-0.24 to 1.7) | 0.14 | 0.57 |
| mean_APexc_COV | 1.3 (-1.8 to 4.3) | 0.42 | 0.78 | -0.03 (-0.09 to 0.03) | 0.31 | 0.59 |
| group_char | | 0.78 | 0.78 | | 0.62 | 0.62 |
| H1000's | — | | | — | | |
| H2000's | 36 (-63 to 135) | | | -0.58 (-2.4 to 1.3) | | |
| H3000's | 12 (-60 to 83) | | | -0.63 (-2.0 to 0.69) | | |
| mean_APexc_COV * group_char | | 0.73 | 0.78 | | 0.44 | 0.59 |
| mean_APexc_COV * H2000's | -1.9 (-6.7 to 2.8) | | | 0.03 (-0.06 to 0.12) | | |
| mean_APexc_COV * H3000's | -0.89 (-4.5 to 2.7) | | | 0.04 (-0.02 to 0.11) | | |
| subj_char.sd___(Intercept) | 36 (NA to NA) | | | 0.63 (NA to NA) | | |
| Residual.sd___Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 15 (-26 to 56) | 0.48 | 0.75 | 0.29 (-0.48 to 1.1) | 0.46 | 0.92 |
| mean_APexc_mean | -104 (-791 to 584) | 0.77 | 0.77 | -0.69 (-14 to 12) | 0.92 | 0.92 |
| group_char | | 0.56 | 0.75 | | 0.90 | 0.92 |
| H1000's | — | | | — | | |
| H2000's | 17 (-46 to 80) | | | -0.17 (-1.3 to 1.0) | | |
| H3000's | -17 (-73 to 40) | | | -0.25 (-1.3 to 0.81) | | |
| mean_APexc_mean * group_char | | 0.48 | 0.75 | | 0.58 | 0.92 |
| mean_APexc_mean * H2000's | -380 (-1,518 to 758) | | | -0.09 (-21 to 21) | | |
| mean_APexc_mean * H3000's | 384 (-705 to 1,472) | | | 10 (-10 to 30) | | |
| subj_char.sd___(Intercept) | 35 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd___Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 10 (-30 to 51) | 0.62 | 0.90 | 0.20 (-0.55 to 0.96) | 0.60 | 0.97 |
| mean_MLexc_COV | -0.07 (-2.6 to 2.5) | 0.96 | 0.96 | 0.00 (-0.04 to 0.05) | 0.89 | 0.97 |
| group_char | | 0.68 | 0.90 | | 0.78 | 0.97 |
| H1000's | — | | | — | | |
| H2000's | -27 (-90 to 37) | | | -0.12 (-1.3 to 1.1) | | |
| H3000's | -19 (-76 to 38) | | | 0.28 (-0.79 to 1.3) | | |
| mean_MLexc_COV * group_char | | 0.59 | 0.90 | | 0.97 | 0.97 |
| mean_MLexc_COV * H2000's | 1.9 (-2.1 to 6.0) | | | 0.00 (-0.08 to 0.07) | | |
| mean_MLexc_COV * H3000's | 1.4 (-2.2 to 5.1) | | | -0.01 (-0.08 to 0.06) | | |
| subj_char.sd__(Intercept) | 35 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd__Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 12 (-28 to 51) | 0.56 | 0.82 | 0.32 (-0.40 to 1.1) | 0.38 | 0.82 |
| mean_MLexc_mean | -30 (-466 to 406) | 0.89 | 0.89 | -0.88 (-9.0 to 7.3) | 0.83 | 0.83 |
| group_char | | 0.62 | 0.82 | | 0.81 | 0.83 |
| H1000's | — | | | — | | |
| H2000's | 23 (-34 to 80) | | | -0.18 (-1.2 to 0.87) | | |
| H3000's | -3.0 (-55 to 49) | | | -0.32 (-1.3 to 0.64) | | |
| mean_MLexc_mean * group_char | | 0.53 | 0.82 | | 0.41 | 0.82 |
| mean_MLexc_mean * H2000's | -236 (-808 to 336) | | | 0.31 (-10 to 11) | | |
| mean_MLexc_mean * H3000's | 42 (-514 to 599) | | | 5.8 (-4.5 to 16) | | |
| subj_char.sd__(Intercept) | 35 (NA to NA) | | | 0.61 (NA to NA) | | |
| Residual.sd__Observation | 51 (NA to NA) | | | 0.96 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 10 (-24 to 45) | 0.56 | 0.81 | 0.24 (-0.41 to 0.88) | 0.47 | 0.96 |
| mean_StepDur | -0.97 (-34 to 32) | 0.95 | 0.95 | 0.02 (-0.60 to 0.63) | 0.96 | 0.96 |
| group_char | | 0.61 | 0.81 | | 0.78 | 0.96 |
| H1000's | — | | | — | | |
| H2000's | 24 (-40 to 88) | | | -0.10 (-1.3 to 1.1) | | |
| H3000's | -13 (-72 to 46) | | | 0.34 (-0.76 to 1.4) | | |
| mean_StepDur * group_char | | 0.55 | 0.81 | | 0.94 | 0.96 |
| mean_StepDur * H2000's | -30 (-102 to 41) | | | -0.08 (-1.4 to 1.3) | | |
| mean_StepDur * H3000's | 19 (-53 to 91) | | | -0.25 (-1.6 to 1.1) | | |
| subj_char.sd__(Intercept) | 35 (NA to NA) | | | 0.63 (NA to NA) | | |
| Residual.sd__Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 11 (-19 to 42) | 0.46 | 0.87 | 0.34 (-0.23 to 0.91) | 0.24 | 0.95 |
| mean_UDexc_COV | -0.17 (-2.1 to 1.8) | 0.87 | 0.87 | -0.01 (-0.04 to 0.03) | 0.71 | 0.95 |
| group_char | | 0.67 | 0.87 | | 0.84 | 0.95 |
| H1000's | — | | | — | | |
| H2000's | 15 (-34 to 64) | | | -0.23 (-1.1 to 0.69) | | |
| H3000's | -9.2 (-57 to 39) | | | 0.05 (-0.83 to 0.94) | | |
| mean_UDexc_COV * group_char | | 0.56 | 0.87 | | 0.95 | 0.95 |
| mean_UDexc_COV * H2000's | -1.1 (-4.2 to 2.0) | | | 0.01 (-0.05 to 0.06) | | |
| mean_UDexc_COV * H3000's | 0.70 (-2.3 to 3.7) | | | 0.01 (-0.05 to 0.07) | | |
| subj_char.sd__(Intercept) | 35 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd__Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.47 (-37 to 36) | 0.98 | 0.98 | 0.21 (-0.45 to 0.88) | 0.53 | 0.89 |
| mean_UDexc_mean | 406 (-894 to 1,706) | 0.54 | 0.86 | 1.7 (-23 to 26) | 0.89 | 0.89 |
| group_char | | 0.65 | 0.86 | | 0.66 | 0.89 |
| H1000's | — | | | — | | |
| H2000's | -5.0 (-62 to 52) | | | -0.18 (-1.2 to 0.87) | | |
| H3000's | 19 (-31 to 68) | | | -0.42 (-1.3 to 0.49) | | |
| mean_UDexc_mean * group_char | | 0.56 | 0.86 | | 0.26 | 0.89 |
| mean_UDexc_mean * H2000's | 198 (-1,803 to 2,199) | | | 0.65 (-37 to 38) | | |
| mean_UDexc_mean * H3000's | -756 (-2,514 to 1,002) | | | 25 (-8.4 to 57) | | |
| subj_char.sd___(Intercept) | 36 (NA to NA) | | | 0.59 (NA to NA) | | |
| Residual.sd___Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 8.9 (-21 to 39) | 0.56 | 0.95 | 0.25 (-0.31 to 0.81) | 0.39 | 0.98 |
| mean_StanceDur | 0.35 (-19 to 20) | 0.97 | 0.97 | 0.00 (-0.36 to 0.37) | 0.98 | 0.98 |
| group_char | | 0.71 | 0.95 | | 0.63 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | 19 (-35 to 73) | | | -0.12 (-1.1 to 0.89) | | |
| H3000's | -5.6 (-56 to 44) | | | 0.38 (-0.55 to 1.3) | | |
| mean_StanceDur * group_char | | 0.63 | 0.95 | | 0.85 | 0.98 |
| mean_StanceDur * H2000's | -18 (-60 to 24) | | | -0.05 (-0.83 to 0.74) | | |
| mean_StanceDur * H3000's | 6.7 (-36 to 50) | | | -0.23 (-1.0 to 0.58) | | |
| subj_char.sd___(Intercept) | 35 (NA to NA) | | | 0.63 (NA to NA) | | |
| Residual.sd___Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 10 (-24 to 45) | 0.56 | 0.81 | 0.24 (-0.41 to 0.88) | 0.47 | 0.96 |
| mean_GaitCycleDur | -0.49 (-17 to 16) | 0.95 | 0.95 | 0.01 (-0.30 to 0.32) | 0.96 | 0.96 |
| group_char | | 0.61 | 0.81 | | 0.78 | 0.96 |
| H1000's | — | | | — | | |
| H2000's | 23 (-40 to 87) | | | -0.10 (-1.3 to 1.1) | | |
| H3000's | -13 (-72 to 46) | | | 0.34 (-0.76 to 1.4) | | |
| mean_GaitCycleDur * group_char | | 0.55 | 0.81 | | 0.94 | 0.96 |
| mean_GaitCycleDur * H2000's | -15 (-51 to 20) | | | -0.04 (-0.71 to 0.63) | | |
| mean_GaitCycleDur * H3000's | 9.6 (-26 to 46) | | | -0.12 (-0.80 to 0.55) | | |
| subj_char.sd__(Intercept) | 35 (NA to NA) | | | 0.63 (NA to NA) | | |
| Residual.sd__Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 4 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.7 (-26 to 32) | 0.85 | 0.85 | 0.24 (-0.29 to 0.78) | 0.37 | 0.75 |
| mean_PeakUpDownVel_mean | 28 (-69 to 125) | 0.58 | 0.77 | 0.03 (-1.8 to 1.9) | 0.97 | 0.97 |
| group_char | | 0.48 | 0.77 | | 0.81 | 0.97 |
| H1000's | — | | | — | | |
| H2000's | -13 (-61 to 35) | | | -0.17 (-1.1 to 0.71) | | |
| H3000's | 16 (-26 to 58) | | | -0.25 (-1.0 to 0.52) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.31 | 0.77 | | 0.36 | 0.75 |
| mean_PeakUpDownVel_mean * H2000's | 49 (-102 to 201) | | | 0.02 (-2.8 to 2.9) | | |
| mean_PeakUpDownVel_mean * H3000's | -63 (-195 to 70) | | | 1.6 (-0.89 to 4.1) | | |
| subj_char.sd__(Intercept) | 35 (NA to NA) | | | 0.61 (NA to NA) | | |
| Residual.sd__Observation | 51 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 20 (-308 to 348) | 0.91 | 0.95 | -2.6 (-14 to 8.8) | 0.66 | 0.94 |
| mean_APexc_COV | -0.60 (-21 to 20) | 0.95 | 0.95 | 0.10 (-0.61 to 0.81) | 0.78 | 0.94 |
| group_char | | 0.71 | 0.95 | | 0.68 | 0.94 |
| H1000's | — | | | — | | |
| H2000's | -13 (-548 to 522) | | | 8.3 (-10 to 27) | | |
| H3000's | 166 (-285 to 616) | | | 2.8 (-13 to 19) | | |
| mean_APexc_COV * group_char | | 0.89 | 0.95 | | 0.94 | 0.94 |
| mean_APexc_COV * H2000's | -0.05 (-28 to 28) | | | -0.18 (-1.1 to 0.79) | | |
| mean_APexc_COV * H3000's | -4.5 (-28 to 19) | | | -0.10 (-0.93 to 0.73) | | |
| subj_char.sd___(Intercept) | 28 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 385 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 24 (-268 to 315) | 0.87 | 0.93 | -9.5 (-20 to 0.63) | 0.066 | 0.12 |
| mean_APexc_mean | -239 (-5,314 to 4,835) | 0.93 | 0.93 | 154 (-23 to 331) | 0.088 | 0.12 |
| group_char | | 0.93 | 0.93 | | 0.072 | 0.12 |
| H1000's | — | | | — | | |
| H2000's | -23 (-450 to 403) | | | 17 (2.4 to 32) | | |
| H3000's | -69 (-437 to 299) | | | 9.7 (-3.1 to 22) | | |
| mean_APexc_mean * group_char | | 0.70 | 0.93 | | 0.23 | 0.23 |
| mean_APexc_mean * H2000's | 72 (-7,972 to 8,117) | | | -233 (-513 to 46) | | |
| mean_APexc_mean * H3000's | 2,786 (-4,375 to 9,947) | | | -152 (-401 to 97) | | |
| subj_char.sd___(Intercept) | 42 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 384 (NA to NA) | | | 13 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.3 (-228 to 235) | 0.98 | 0.98 | 2.2 (-6.0 to 10) | 0.60 | 0.82 |
| mean_MLexc_COV | 0.47 (-14 to 15) | 0.95 | 0.98 | -0.21 (-0.72 to 0.29) | 0.40 | 0.82 |
| group_char | | 0.10 | 0.33 | | 0.61 | 0.82 |
| H1000's | — | | | — | | |
| H2000's | -15 (-354 to 324) | | | 4.1 (-7.9 to 16) | | |
| H3000's | 327 (-18 to 671) | | | -2.1 (-14 to 10) | | |
| mean_MLexc_COV * group_char | | 0.17 | 0.33 | | 0.85 | 0.85 |
| mean_MLexc_COV * H2000's | -0.16 (-22 to 21) | | | 0.05 (-0.71 to 0.81) | | |
| mean_MLexc_COV * H3000's | -19 (-41 to 2.7) | | | 0.22 (-0.55 to 1.0) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 383 (NA to NA) | | | 13 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 32 (-209 to 273) | 0.80 | 0.85 | -6.5 (-15 to 2.0) | 0.13 | 0.24 |
| mean_MLexc_mean | -274 (-3,167 to 2,619) | 0.85 | 0.85 | 69 (-32 to 171) | 0.18 | 0.24 |
| group_char | | 0.38 | 0.75 | | 0.13 | 0.24 |
| H1000's | — | | | — | | |
| H2000's | -35 (-386 to 315) | | | 13 (0.40 to 25) | | |
| H3000's | -204 (-518 to 109) | | | 6.6 (-4.4 to 18) | | |
| mean_MLexc_mean * group_char | | 0.14 | 0.55 | | 0.38 | 0.38 |
| mean_MLexc_mean * H2000's | 231 (-3,585 to 4,046) | | | -93 (-228 to 41) | | |
| mean_MLexc_mean * H3000's | 3,059 (-564 to 6,682) | | | -68 (-196 to 59) | | |
| subj_char.sd___(Intercept) | 52 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 378 (NA to NA) | | | 13 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 20 (-217 to 257) | 0.87 | 0.93 | -4.7 (-13 to 3.8) | 0.28 | 0.55 |
| mean_StepDur | -10 (-251 to 231) | 0.93 | 0.93 | 3.9 (-4.7 to 13) | 0.37 | 0.55 |
| group_char | | 0.085 | 0.17 | | 0.41 | 0.55 |
| H1000's | — | | | — | | |
| H2000's | -26 (-460 to 409) | | | 10 (-5.2 to 26) | | |
| H3000's | -429 (-822 to -35) | | | 5.0 (-9.0 to 19) | | |
| mean_StepDur * group_char | | 0.023 | 0.092 | | 0.77 | 0.77 |
| mean_StepDur * H2000's | 8.3 (-510 to 526) | | | -6.1 (-25 to 12) | | |
| mean_StepDur * H3000's | 677 (182 to 1,172) | | | -4.1 (-22 to 14) | | |
| subj_char.sd__(Intercept) | 16 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd__Observation | 379 (NA to NA) | | | 13 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 12 (-198 to 222) | 0.91 | 0.99 | -2.2 (-9.6 to 5.2) | 0.56 | 0.95 |
| mean_UDexc_COV | -0.13 (-16 to 16) | 0.99 | 0.99 | 0.10 (-0.47 to 0.66) | 0.74 | 0.95 |
| group_char | | 0.33 | 0.66 | | 0.70 | 0.95 |
| H1000's | — | | | — | | |
| H2000's | -26 (-337 to 286) | | | 4.7 (-6.3 to 16) | | |
| H3000's | -214 (-519 to 90) | | | 2.5 (-8.3 to 13) | | |
| mean_UDexc_COV * group_char | | 0.14 | 0.54 | | 0.95 | 0.95 |
| mean_UDexc_COV * H2000's | 0.59 (-22 to 23) | | | 0.01 (-0.78 to 0.80) | | |
| mean_UDexc_COV * H3000's | 19 (-2.6 to 41) | | | -0.10 (-0.88 to 0.67) | | |
| subj_char.sd__(Intercept) | 26 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd__Observation | 380 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 6.7 (-248 to 261) | 0.96 | 0.98 | 0.80 (-8.2 to 9.8) | 0.86 | 0.92 |
| mean_UDexc_mean | 158 (-9,900 to 10,217) | 0.98 | 0.98 | -77 (-433 to 278) | 0.67 | 0.92 |
| group_char | | 0.15 | 0.49 | | 0.84 | 0.92 |
| H1000's | — | | | — | | |
| H2000's | -9.8 (-379 to 359) | | | 2.9 (-10 to 16) | | |
| H3000's | 280 (-56 to 617) | | | -0.75 (-13 to 11) | | |
| mean_UDexc_mean * group_char | | 0.25 | 0.49 | | 0.92 | 0.92 |
| mean_UDexc_mean * H2000's | -328 (-14,471 to 13,815) | | | 88 (-412 to 587) | | |
| mean_UDexc_mean * H3000's | -9,646 (-22,851 to 3,559) | | | 84 (-383 to 550) | | |
| subj_char.sd___(Intercept) | 28 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 382 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 18 (-181 to 217) | 0.86 | 0.94 | -3.9 (-11 to 3.1) | 0.27 | 0.51 |
| mean_StanceDur | -5.8 (-150 to 138) | 0.94 | 0.94 | 2.3 (-2.8 to 7.4) | 0.38 | 0.51 |
| group_char | | 0.14 | 0.28 | | 0.36 | 0.51 |
| H1000's | — | | | — | | |
| H2000's | -24 (-382 to 334) | | | 9.2 (-3.5 to 22) | | |
| H3000's | -323 (-655 to 8.9) | | | 4.2 (-7.5 to 16) | | |
| mean_StanceDur * group_char | | 0.036 | 0.14 | | 0.78 | 0.78 |
| mean_StanceDur * H2000's | 4.7 (-305 to 314) | | | -3.6 (-15 to 7.4) | | |
| mean_StanceDur * H3000's | 388 (87 to 689) | | | -2.4 (-13 to 8.3) | | |
| subj_char.sd___(Intercept) | 22 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 379 (NA to NA) | | | 13 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | Beta Div Theta | | | Theta div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 20 (-217 to 256) | 0.87 | 0.93 | -4.7 (-13 to 3.8) | 0.28 | 0.55 |
| mean_GaitCycleDur | -5.0 (-125 to 115) | 0.93 | 0.93 | 2.0 (-2.3 to 6.2) | 0.37 | 0.55 |
| group_char | | 0.084 | 0.17 | | 0.41 | 0.55 |
| H1000's | — | | | — | | |
| H2000's | -26 (-459 to 407) | | | 10 (-5.2 to 26) | | |
| H3000's | -429 (-823 to -36) | | | 5.0 (-9.0 to 19) | | |
| mean_GaitCycleDur * group_char | | 0.023 | 0.091 | | 0.77 | 0.77 |
| mean_GaitCycleDur * H2000's | 4.1 (-254 to 262) | | | -3.0 (-12 to 6.2) | | |
| mean_GaitCycleDur * H3000's | 339 (92 to 586) | | | -2.0 (-11 to 6.8) | | |
| subj_char.sd___(Intercept) | 15 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 379 (NA to NA) | | | 13 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 5 | | | |
|---|---|---|---|---|---|---|
| | Beta Div Theta | | | Theta div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.1 (-197 to 199) | >0.99 | >0.99 | 0.27 (-6.7 to 7.2) | 0.94 | 0.95 |
| mean_PeakUpDownVel_mean | 40 (-722 to 801) | 0.92 | >0.99 | -5.6 (-32 to 21) | 0.68 | 0.95 |
| group_char | | 0.14 | 0.50 | | 0.67 | 0.95 |
| H1000's | — | | | — | | |
| H2000's | -5.4 (-307 to 296) | | | 4.2 (-6.5 to 15) | | |
| H3000's | 245 (-31 to 522) | | | -0.22 (-10 to 9.5) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.25 | 0.50 | | 0.95 | 0.95 |
| mean_PeakUpDownVel_mean * H2000's | -51 (-1,153 to 1,050) | | | 3.7 (-35 to 43) | | |
| mean_PeakUpDownVel_mean * H3000's | -773 (-1,799 to 254) | | | 6.2 (-30 to 42) | | |
| subj_char.sd___(Intercept) | 13 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 383 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -63 (-231 to 104) | 0.46 | 0.92 | 0.16 (-24 to 24) | 0.99 | >0.99 |
| mean_APexc_COV | 2.3 (-7.8 to 12) | 0.66 | 0.92 | 0.00 (-1.5 to 1.5) | >0.99 | >0.99 |
| group_char | | 0.77 | 0.92 | | 0.91 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 84 (-180 to 348) | | | 0.55 (-38 to 39) | | |
| H3000's | 68 (-150 to 287) | | | 6.2 (-25 to 38) | | |
| mean_APexc_COV * group_char | | 0.92 | 0.92 | | >0.99 | >0.99 |
| mean_APexc_COV * H2000's | -2.1 (-15 to 11) | | | -0.01 (-1.9 to 1.9) | | |
| mean_APexc_COV * H3000's | -2.4 (-14 to 9.0) | | | -0.06 (-1.7 to 1.6) | | |
| subj_char.sd___(Intercept) | 34 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 209 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 130 (-17 to 278) | 0.083 | 0.17 | 0.10 (-22 to 22) | >0.99 | >0.99 |
| mean_APexc_mean | -2,860 (-5,443 to -277) | 0.030 | 0.12 | 1.6 (-378 to 381) | >0.99 | >0.99 |
| group_char | | 0.39 | 0.39 | | 0.46 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | -96 (-301 to 108) | | | -0.27 (-30 to 30) | | |
| H3000's | -128 (-312 to 56) | | | 14 (-13 to 41) | | |
| mean_APexc_mean * group_char | | 0.24 | 0.32 | | 0.63 | >0.99 |
| mean_APexc_mean * H2000's | 2,662 (-1,337 to 6,661) | | | 17 (-569 to 603) | | |
| mean_APexc_mean * H3000's | 2,855 (-758 to 6,468) | | | -223 (-752 to 306) | | |
| subj_char.sd___(Intercept) | 24 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 209 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -147 (-278 to -15) | 0.028 | 0.11 | 0.20 (-19 to 19) | 0.98 | >0.99 |
| mean_MLexc_COV | 8.5 (-0.30 to 17) | 0.058 | 0.12 | 0.00 (-1.3 to 1.3) | >0.99 | >0.99 |
| group_char | | 0.27 | 0.34 | | 0.99 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 73 (-113 to 259) | | | 0.62 (-26 to 28) | | |
| H3000's | 151 (-32 to 334) | | | 2.1 (-25 to 29) | | |
| mean_MLexc_COV * group_char | | 0.34 | 0.34 | | 0.97 | >0.99 |
| mean_MLexc_COV * H2000's | -1.8 (-14 to 10) | | | -0.01 (-1.8 to 1.8) | | |
| mean_MLexc_COV * H3000's | -8.6 (-21 to 3.6) | | | 0.19 (-1.6 to 2.0) | | |
| subj_char.sd___(Intercept) | 32 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 207 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 153 (28 to 279) | 0.016 | 0.033 | 0.20 (-18 to 19) | 0.98 | >0.99 |
| mean_MLexc_mean | -2,215 (-3,674 to -756) | 0.003 | 0.012 | -0.12 (-216 to 216) | >0.99 | >0.99 |
| group_char | | 0.18 | 0.18 | | 0.72 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | -78 (-245 to 89) | | | 0.13 (-25 to 25) | | |
| H3000's | -150 (-310 to 8.7) | | | 7.9 (-16 to 31) | | |
| mean_MLexc_mean * group_char | | 0.056 | 0.075 | | 0.93 | >0.99 |
| mean_MLexc_mean * H2000's | 1,658 (-176 to 3,491) | | | 3.4 (-268 to 275) | | |
| mean_MLexc_mean * H3000's | 2,204 (387 to 4,022) | | | -38 (-307 to 231) | | |
| subj_char.sd___(Intercept) | 22 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 207 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.72 (-121 to 120) | >0.99 | >0.99 | 0.18 (-17 to 18) | 0.98 | >0.99 |
| mean_StepDur | -28 (-152 to 95) | 0.65 | 0.87 | 0.01 (-18 to 18) | >0.99 | >0.99 |
| group_char | | 0.45 | 0.87 | | 0.66 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 124 (-81 to 330) | | | 0.34 (-30 to 31) | | |
| H3000's | 3.2 (-190 to 196) | | | 12 (-16 to 41) | | |
| mean_StepDur * group_char | | 0.65 | 0.87 | | 0.82 | >0.99 |
| mean_StepDur * H2000's | -104 (-352 to 144) | | | 0.14 (-36 to 37) | | |
| mean_StepDur * H3000's | 27 (-218 to 273) | | | -11 (-47 to 25) | | |
| subj_char.sd___(Intercept) | 33 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 209 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -21 (-122 to 80) | 0.68 | 0.91 | 0.20 (-15 to 15) | 0.98 | >0.99 |
| mean_UDexc_COV | -0.42 (-7.8 to 7.0) | 0.91 | 0.91 | 0.00 (-1.1 to 1.1) | >0.99 | >0.99 |
| group_char | | 0.29 | 0.91 | | 0.55 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 121 (-34 to 276) | | | 0.20 (-22 to 23) | | |
| H3000's | 25 (-128 to 177) | | | 11 (-11 to 33) | | |
| mean_UDexc_COV * group_char | | 0.56 | 0.91 | | 0.79 | >0.99 |
| mean_UDexc_COV * H2000's | -5.1 (-16 to 5.7) | | | 0.02 (-1.6 to 1.6) | | |
| mean_UDexc_COV * H3000's | 0.33 (-10 to 11) | | | -0.47 (-2.0 to 1.1) | | |
| subj_char.sd___(Intercept) | 32 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 209 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.1 (-112 to 119) | 0.96 | 0.96 | 0.15 (-17 to 17) | 0.99 | >0.99 |
| mean_UDexc_mean | -1,252 (-5,798 to 3,294) | 0.59 | 0.86 | 1.7 (-667 to 671) | >0.99 | >0.99 |
| group_char | | 0.65 | 0.86 | | 0.85 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | -68 (-235 to 99) | | | 0.01 (-24 to 24) | | |
| H3000's | 0.01 (-158 to 158) | | | 5.8 (-17 to 29) | | |
| mean_UDexc_mean * group_char | | 0.28 | 0.86 | | >0.99 | >0.99 |
| mean_UDexc_mean * H2000's | 4,975 (-1,470 to 11,420) | | | 18 (-930 to 966) | | |
| mean_UDexc_mean * H3000's | 1,204 (-4,941 to 7,349) | | | -44 (-946 to 858) | | |
| subj_char.sd___(Intercept) | 36 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 208 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -9.1 (-110 to 92) | 0.86 | 0.86 | 0.18 (-15 to 15) | 0.98 | >0.99 |
| mean_StanceDur | -14 (-88 to 60) | 0.71 | 0.86 | 0.00 (-11 to 11) | >0.99 | >0.99 |
| group_char | | 0.36 | 0.86 | | 0.65 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 118 (-51 to 288) | | | 0.69 (-24 to 26) | | |
| H3000's | 12 (-151 to 174) | | | 11 (-13 to 35) | | |
| mean_StanceDur * group_char | | 0.60 | 0.86 | | 0.84 | >0.99 |
| mean_StanceDur * H2000's | -69 (-215 to 77) | | | -0.25 (-22 to 21) | | |
| mean_StanceDur * H3000's | 13 (-136 to 163) | | | -6.5 (-28 to 16) | | |
| subj_char.sd___(Intercept) | 33 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 209 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.67 (-121 to 120) | >0.99 | >0.99 | 0.18 (-17 to 18) | 0.98 | >0.99 |
| mean_GaitCycleDur | -14 (-76 to 47) | 0.65 | 0.87 | 0.00 (-9.1 to 9.1) | >0.99 | >0.99 |
| group_char | | 0.45 | 0.87 | | 0.66 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 124 (-82 to 329) | | | 0.33 (-30 to 30) | | |
| H3000's | 3.1 (-190 to 196) | | | 12 (-16 to 40) | | |
| mean_GaitCycleDur * group_char | | 0.65 | 0.87 | | 0.83 | >0.99 |
| mean_GaitCycleDur * H2000's | -51 (-175 to 72) | | | 0.07 (-18 to 18) | | |
| mean_GaitCycleDur * H3000's | 14 (-109 to 136) | | | -5.5 (-23 to 12) | | |
| subj_char.sd___(Intercept) | 33 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 209 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 6 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -51 (-147 to 44) | 0.29 | 0.67 | 0.16 (-14 to 14) | 0.98 | >0.99 |
| mean_PeakUpDownVel_mean | 106 (-257 to 470) | 0.57 | 0.67 | 0.09 (-54 to 54) | >0.99 | >0.99 |
| group_char | | 0.67 | 0.67 | | 0.90 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | 4.2 (-137 to 145) | | | 0.67 (-20 to 21) | | |
| H3000's | 54 (-78 to 186) | | | 4.2 (-15 to 23) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.51 | 0.67 | | >0.99 | >0.99 |
| mean_PeakUpDownVel_mean * H2000's | 171 (-337 to 678) | | | -0.91 (-76 to 74) | | |
| mean_PeakUpDownVel_mean * H3000's | -110 (-591 to 372) | | | 2.3 (-69 to 73) | | |
| subj_char.sd___(Intercept) | 36 (NA to NA) | | | 0.00 (NA to NA) | | |
| Residual.sd___Observation | 208 (NA to NA) | | | 31 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -17 (-73 to 38) | 0.54 | 0.77 | 2.4 (1.4 to 3.4) | <0.001 | <0.001 |
| mean_APexc_COV | 0.22 (-3.1 to 3.6) | 0.90 | 0.90 | -0.11 (-0.16 to -0.06) | <0.001 | <0.001 |
| group_char | | 0.58 | 0.77 | | 0.002 | 0.002 |
| H1000's | — | | | — | | |
| H2000's | 50 (-45 to 146) | | | -2.5 (-4.2 to -0.66) | | |
| H3000's | 13 (-60 to 85) | | | -2.3 (-3.7 to -0.83) | | |
| mean_APexc_COV * group_char | | 0.46 | 0.77 | | 0.002 | 0.002 |
| mean_APexc_COV * H2000's | -2.6 (-7.5 to 2.2) | | | 0.11 (0.03 to 0.19) | | |
| mean_APexc_COV * H3000's | -0.25 (-4.1 to 3.6) | | | 0.11 (0.05 to 0.17) | | |
| subj_char.sd___(Intercept) | 13 (NA to NA) | | | 1.3 (NA to NA) | | |
| Residual.sd___Observation | 67 (NA to NA) | | | 0.89 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -15 (-63 to 33) | 0.54 | 0.95 | 1.7 (0.85 to 2.6) | <0.001 | <0.001 |
| mean_APexc_mean | 26 (-818 to 871) | 0.95 | 0.95 | -20 (-32 to -7.0) | 0.002 | 0.005 |
| group_char | | 0.91 | 0.95 | | 0.015 | 0.021 |
| H1000's | — | | | — | | |
| H2000's | -2.6 (-75 to 70) | | | -1.7 (-3.1 to -0.31) | | |
| H3000's | -13 (-74 to 49) | | | -1.5 (-2.7 to -0.35) | | |
| mean_APexc_mean * group_char | | 0.62 | 0.95 | | 0.11 | 0.11 |
| mean_APexc_mean * H2000's | -44 (-1,420 to 1,333) | | | 19 (-2.9 to 40) | | |
| mean_APexc_mean * H3000's | 531 (-681 to 1,744) | | | 18 (-1.3 to 38) | | |
| subj_char.sd___(Intercept) | 11 (NA to NA) | | | 1.3 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.92 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -12 (-56 to 33) | 0.61 | 0.94 | 0.23 (-0.70 to 1.2) | 0.62 | 0.91 |
| mean_MLexc_COV | -0.16 (-3.3 to 3.0) | 0.92 | 0.94 | 0.03 (-0.03 to 0.09) | 0.30 | 0.91 |
| group_char | | 0.94 | 0.94 | | 0.91 | 0.91 |
| H1000's | — | | | — | | |
| H2000's | 1.5 (-65 to 68) | | | -0.31 (-1.7 to 1.1) | | |
| H3000's | -9.3 (-73 to 54) | | | -0.20 (-1.5 to 1.1) | | |
| mean_MLexc_COV * group_char | | 0.73 | 0.94 | | 0.77 | 0.91 |
| mean_MLexc_COV * H2000's | -0.43 (-4.9 to 4.0) | | | -0.03 (-0.11 to 0.05) | | |
| mean_MLexc_COV * H3000's | 1.3 (-3.1 to 5.6) | | | -0.02 (-0.10 to 0.05) | | |
| subj_char.sd___(Intercept) | 12 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.95 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -30 (-73 to 13) | 0.17 | 0.66 | 1.7 (0.86 to 2.5) | <0.001 | <0.001 |
| mean_MLexc_mean | 192 (-291 to 675) | 0.44 | 0.66 | -12 (-20 to -4.8) | 0.001 | 0.003 |
| group_char | | 0.76 | 0.76 | | 0.011 | 0.014 |
| H1000's | — | | | — | | |
| H2000's | 23 (-38 to 84) | | | -1.6 (-2.9 to -0.41) | | |
| H3000's | 9.1 (-46 to 64) | | | -1.5 (-2.6 to -0.36) | | |
| mean_MLexc_mean * group_char | | 0.50 | 0.66 | | 0.039 | 0.039 |
| mean_MLexc_mean * H2000's | -322 (-975 to 330) | | | 12 (1.5 to 22) | | |
| mean_MLexc_mean * H3000's | -2.3 (-621 to 617) | | | 11 (1.4 to 21) | | |
| subj_char.sd___(Intercept) | 12 (NA to NA) | | | 1.3 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.92 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -21 (-61 to 19) | 0.31 | 0.97 | 1.2 (0.42 to 1.9) | 0.002 | 0.009 |
| mean_StepDur | 8.2 (-34 to 50) | 0.70 | 0.97 | -0.57 (-1.2 to 0.02) | 0.058 | 0.12 |
| group_char | | 0.97 | 0.97 | | 0.15 | 0.21 |
| H1000's | — | | | — | | |
| H2000's | -8.0 (-83 to 67) | | | -1.1 (-2.4 to 0.20) | | |
| H3000's | -6.9 (-73 to 59) | | | -0.92 (-2.1 to 0.28) | | |
| mean_StepDur * group_char | | 0.85 | 0.97 | | 0.67 | 0.67 |
| mean_StepDur * H2000's | 5.3 (-82 to 93) | | | 0.50 (-0.75 to 1.8) | | |
| mean_StepDur * H3000's | 24 (-59 to 108) | | | 0.40 (-0.88 to 1.7) | | |
| subj_char.sd__(Intercept) | 12 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd__Observation | 68 (NA to NA) | | | 0.94 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -19 (-54 to 15) | 0.28 | 0.98 | 1.2 (0.47 to 1.9) | 0.001 | 0.004 |
| mean_UDexc_COV | 0.44 (-2.1 to 3.0) | 0.73 | 0.98 | -0.04 (-0.08 to 0.00) | 0.029 | 0.057 |
| group_char | | 0.98 | 0.98 | | 0.071 | 0.094 |
| H1000's | — | | | — | | |
| H2000's | 2.6 (-51 to 57) | | | -1.2 (-2.3 to -0.04) | | |
| H3000's | 5.3 (-48 to 58) | | | -0.99 (-2.1 to 0.07) | | |
| mean_UDexc_COV * group_char | | 0.92 | 0.98 | | 0.28 | 0.28 |
| mean_UDexc_COV * H2000's | -0.60 (-4.4 to 3.2) | | | 0.04 (-0.02 to 0.10) | | |
| mean_UDexc_COV * H3000's | 0.17 (-3.5 to 3.9) | | | 0.04 (-0.02 to 0.09) | | |
| subj_char.sd__(Intercept) | 12 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd__Observation | 68 (NA to NA) | | | 0.94 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -21 (-60 to 19) | 0.30 | 0.81 | 0.10 (-0.65 to 0.86) | 0.79 | 0.97 |
| mean_UDexc_mean | 292 (-1,248 to 1,832) | 0.71 | 0.81 | 23 (0.03 to 46) | 0.050 | 0.20 |
| group_char | | 0.58 | 0.81 | | 0.97 | 0.97 |
| H1000's | — | | | — | | |
| H2000's | -10 (-72 to 51) | | | -0.15 (-1.4 to 1.1) | | |
| H3000's | 21 (-34 to 76) | | | -0.03 (-1.1 to 1.0) | | |
| mean_UDexc_mean * group_char | | 0.81 | 0.81 | | 0.36 | 0.72 |
| mean_UDexc_mean * H2000's | 236 (-2,180 to 2,652) | | | -22 (-58 to 15) | | |
| mean_UDexc_mean * H3000's | -520 (-2,684 to 1,645) | | | -21 (-53 to 12) | | |
| subj_char.sd___(Intercept) | 13 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.94 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -19 (-53 to 15) | 0.27 | 0.96 | 1.1 (0.39 to 1.7) | 0.002 | 0.008 |
| mean_StanceDur | 4.4 (-20 to 29) | 0.73 | 0.96 | -0.33 (-0.68 to 0.02) | 0.063 | 0.13 |
| group_char | | 0.96 | 0.96 | | 0.14 | 0.19 |
| H1000's | — | | | — | | |
| H2000's | 3.9 (-58 to 65) | | | -1.0 (-2.2 to 0.14) | | |
| H3000's | -5.7 (-61 to 50) | | | -0.83 (-1.9 to 0.23) | | |
| mean_StanceDur * group_char | | 0.74 | 0.96 | | 0.68 | 0.68 |
| mean_StanceDur * H2000's | -7.6 (-60 to 44) | | | 0.29 (-0.45 to 1.0) | | |
| mean_StanceDur * H3000's | 16 (-34 to 67) | | | 0.22 (-0.53 to 0.97) | | |
| subj_char.sd___(Intercept) | 12 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.94 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -21 (-61 to 19) | 0.30 | 0.97 | 1.2 (0.42 to 1.9) | 0.002 | 0.009 |
| mean_GaitCycleDur | 4.1 (-17 to 25) | 0.70 | 0.97 | -0.29 (-0.58 to 0.01) | 0.058 | 0.12 |
| group_char | | 0.97 | 0.97 | | 0.15 | 0.21 |
| H1000's | — | | | — | | |
| H2000's | -7.9 (-82 to 66) | | | -1.1 (-2.4 to 0.20) | | |
| H3000's | -6.8 (-73 to 59) | | | -0.92 (-2.1 to 0.29) | | |
| mean_GaitCycleDur * group_char | | 0.85 | 0.97 | | 0.67 | 0.67 |
| mean_GaitCycleDur * H2000's | 2.6 (-41 to 46) | | | 0.25 (-0.37 to 0.87) | | |
| mean_GaitCycleDur * H3000's | 12 (-29 to 54) | | | 0.20 (-0.44 to 0.83) | | |
| subj_char.sd___(Intercept) | 12 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.94 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 7 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -18 (-50 to 14) | 0.26 | 0.76 | 0.10 (-0.55 to 0.76) | 0.76 | 0.96 |
| mean_PeakUpDownVel_mean | 19 (-102 to 140) | 0.76 | 0.76 | 2.3 (0.62 to 4.1) | 0.008 | 0.030 |
| group_char | | 0.50 | 0.76 | | 0.96 | 0.96 |
| H1000's | — | | | — | | |
| H2000's | -7.8 (-60 to 45) | | | -0.15 (-1.2 to 0.93) | | |
| H3000's | 21 (-24 to 66) | | | -0.04 (-0.99 to 0.91) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.76 | 0.76 | | 0.15 | 0.31 |
| mean_PeakUpDownVel_mean * H2000's | 10 (-182 to 202) | | | -2.2 (-4.9 to 0.54) | | |
| mean_PeakUpDownVel_mean * H3000's | -52 (-219 to 115) | | | -2.1 (-4.5 to 0.31) | | |
| subj_char.sd___(Intercept) | 13 (NA to NA) | | | 1.2 (NA to NA) | | |
| Residual.sd___Observation | 68 (NA to NA) | | | 0.93 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.83 (-73 to 75) | 0.98 | >0.99 | 4.0 (-11 to 19) | 0.61 | 0.81 |
| mean_APexc_COV | 0.02 (-4.5 to 4.5) | >0.99 | >0.99 | -0.09 (-1.0 to 0.84) | 0.85 | 0.85 |
| group_char | | 0.24 | 0.83 | | 0.47 | 0.81 |
| H1000's | — | | | — | | |
| H2000's | 7.6 (-111 to 126) | | | 8.4 (-16 to 33) | | |
| H3000's | -78 (-182 to 26) | | | -6.9 (-28 to 15) | | |
| mean_APexc_COV * group_char | | 0.41 | 0.83 | | 0.48 | 0.81 |
| mean_APexc_COV * H2000's | -0.68 (-6.8 to 5.5) | | | -0.51 (-1.8 to 0.75) | | |
| mean_APexc_COV * H3000's | 2.4 (-2.9 to 7.6) | | | 0.12 (-0.96 to 1.2) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 3.1 (NA to NA) | | |
| Residual.sd___Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.28 (-71 to 71) | >0.99 | >0.99 | 3.4 (-11 to 18) | 0.64 | 0.85 |
| mean_APexc_mean | 27 (-1,222 to 1,277) | 0.97 | >0.99 | -15 (-266 to 236) | 0.90 | 0.90 |
| group_char | | 0.49 | >0.99 | | 0.30 | 0.78 |
| H1000's | — | | | — | | |
| H2000's | 2.8 (-100 to 106) | | | -16 (-37 to 4.9) | | |
| H3000's | -45 (-136 to 45) | | | -10 (-29 to 7.9) | | |
| mean_APexc_mean * group_char | | 0.62 | >0.99 | | 0.39 | 0.78 |
| mean_APexc_mean * H2000's | -216 (-2,303 to 1,871) | | | 292 (-128 to 713) | | |
| mean_APexc_mean * H3000's | 701 (-1,052 to 2,454) | | | 128 (-226 to 481) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 1.9 (NA to NA) | | |
| Residual.sd___Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.7 (-65 to 69) | 0.96 | 0.99 | 5.8 (-8.0 to 20) | 0.41 | 0.92 |
| mean_MLexc_COV | -0.03 (-4.5 to 4.4) | 0.99 | 0.99 | -0.22 (-1.1 to 0.69) | 0.63 | 0.92 |
| group_char | | 0.45 | 0.99 | | 0.77 | 0.92 |
| H1000's | — | | | — | | |
| H2000's | -9.3 (-96 to 78) | | | -2.1 (-20 to 16) | | |
| H3000's | -59 (-159 to 40) | | | -7.3 (-28 to 13) | | |
| mean_MLexc_COV * group_char | | 0.60 | 0.99 | | 0.92 | 0.92 |
| mean_MLexc_COV * H2000's | 0.18 (-5.7 to 6.0) | | | -0.08 (-1.3 to 1.1) | | |
| mean_MLexc_COV * H3000's | 2.9 (-3.6 to 9.4) | | | 0.18 (-1.1 to 1.5) | | |
| subj_char.sd__(Intercept) | 0.00 (NA to NA) | | | 2.7 (NA to NA) | | |
| Residual.sd__Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.94 (-57 to 59) | 0.97 | >0.99 | 2.6 (-9.1 to 14) | 0.66 | 0.88 |
| mean_MLexc_mean | 3.6 (-691 to 698) | >0.99 | >0.99 | -0.74 (-141 to 140) | >0.99 | >0.99 |
| group_char | | 0.62 | >0.99 | | 0.51 | 0.88 |
| H1000's | — | | | — | | |
| H2000's | -5.8 (-81 to 70) | | | -9.1 (-24 to 6.3) | | |
| H3000's | -35 (-114 to 43) | | | -4.6 (-21 to 12) | | |
| mean_MLexc_mean * group_char | | 0.80 | >0.99 | | 0.61 | 0.88 |
| mean_MLexc_mean * H2000's | -13 (-864 to 838) | | | 66 (-106 to 238) | | |
| mean_MLexc_mean * H3000's | 229 (-670 to 1,128) | | | -2.3 (-185 to 180) | | |
| subj_char.sd__(Intercept) | 0.00 (NA to NA) | | | 3.1 (NA to NA) | | |
| Residual.sd__Observation | 84 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.01 (-56 to 56) | >0.99 | >0.99 | 2.2 (-9.1 to 13) | 0.70 | 0.94 |
| mean_StepDur | 1.3 (-56 to 59) | 0.96 | >0.99 | 0.41 (-11 to 12) | 0.94 | 0.94 |
| group_char | | 0.33 | 0.85 | | 0.38 | 0.94 |
| H1000's | — | | | — | | |
| H2000's | 0.55 (-91 to 92) | | | -13 (-32 to 5.4) | | |
| H3000's | -73 (-175 to 29) | | | -6.0 (-27 to 15) | | |
| mean_StepDur * group_char | | 0.42 | 0.85 | | 0.49 | 0.94 |
| mean_StepDur * H2000's | -9.5 (-118 to 99) | | | 13 (-8.6 to 35) | | |
| mean_StepDur * H3000's | 84 (-50 to 219) | | | 2.0 (-25 to 29) | | |
| subj_char.sd__(Intercept) | 0.00 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.14 (-49 to 49) | >0.99 | >0.99 | 4.0 (-6.0 to 14) | 0.43 | 0.84 |
| mean_UDexc_COV | 0.09 (-3.5 to 3.7) | 0.96 | >0.99 | -0.11 (-0.84 to 0.61) | 0.76 | 0.84 |
| group_char | | 0.14 | 0.50 | | 0.51 | 0.84 |
| H1000's | — | | | — | | |
| H2000's | -6.6 (-78 to 65) | | | -6.6 (-21 to 8.0) | | |
| H3000's | -74 (-153 to 4.4) | | | -8.6 (-25 to 7.4) | | |
| mean_UDexc_COV * group_char | | 0.25 | 0.50 | | 0.84 | 0.84 |
| mean_UDexc_COV * H2000's | -0.02 (-5.1 to 5.0) | | | 0.27 (-0.76 to 1.3) | | |
| mean_UDexc_COV * H3000's | 4.0 (-1.3 to 9.3) | | | 0.28 (-0.81 to 1.4) | | |
| subj_char.sd__(Intercept) | 0.00 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.1 (-51 to 56) | 0.94 | 0.97 | 2.4 (-8.6 to 13) | 0.67 | 0.97 |
| mean_UDexc_mean | -36 (-2,184 to 2,111) | 0.97 | 0.97 | 7.6 (-433 to 448) | 0.97 | 0.97 |
| group_char | | 0.16 | 0.32 | | 0.64 | 0.97 |
| H1000's | — | | | — | | |
| H2000's | -4.8 (-77 to 67) | | | -5.9 (-21 to 9.0) | | |
| H3000's | 63 (-15 to 141) | | | -7.2 (-23 to 9.0) | | |
| mean_UDexc_mean * group_char | | 0.069 | 0.28 | | 0.92 | 0.97 |
| mean_UDexc_mean * H2000's | -87 (-2,929 to 2,756) | | | 116 (-468 to 700) | | |
| mean_UDexc_mean * H3000's | -2,942 (-5,882 to -1.6) | | | 90 (-515 to 696) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 2.4 (NA to NA) | | |
| Residual.sd___Observation | 82 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.17 (-46 to 47) | >0.99 | >0.99 | 2.2 (-7.1 to 12) | 0.64 | 0.85 |
| mean_StanceDur | 0.84 (-33 to 35) | 0.96 | >0.99 | 0.25 (-6.6 to 7.1) | 0.94 | 0.94 |
| group_char | | 0.36 | 0.96 | | 0.37 | 0.85 |
| H1000's | — | | | — | | |
| H2000's | -2.3 (-77 to 73) | | | -11 (-26 to 4.3) | | |
| H3000's | -60 (-145 to 26) | | | -4.9 (-22 to 12) | | |
| mean_StanceDur * group_char | | 0.48 | 0.96 | | 0.49 | 0.85 |
| mean_StanceDur * H2000's | -4.3 (-69 to 60) | | | 7.7 (-5.2 to 21) | | |
| mean_StanceDur * H3000's | 48 (-34 to 130) | | | 0.22 (-16 to 17) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.01 (-56 to 56) | >0.99 | >0.99 | 2.2 (-9.1 to 13) | 0.70 | 0.94 |
| mean_GaitCycleDur | 0.67 (-28 to 29) | 0.96 | >0.99 | 0.21 (-5.5 to 6.0) | 0.94 | 0.94 |
| group_char | | 0.33 | 0.84 | | 0.38 | 0.94 |
| H1000's | — | | | — | | |
| H2000's | 0.58 (-91 to 92) | | | -13 (-32 to 5.4) | | |
| H3000's | -73 (-174 to 29) | | | -5.9 (-27 to 15) | | |
| mean_GaitCycleDur * group_char | | 0.42 | 0.84 | | 0.49 | 0.94 |
| mean_GaitCycleDur * H2000's | -4.8 (-59 to 50) | | | 6.6 (-4.3 to 18) | | |
| mean_GaitCycleDur * H3000's | 42 (-25 to 109) | | | 0.92 (-13 to 15) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 83 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 8 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.9 (-41 to 45) | 0.93 | 0.97 | 2.5 (-6.4 to 11) | 0.58 | >0.99 |
| mean_PeakUpDownVel_mean | -3.0 (-169 to 163) | 0.97 | 0.97 | 0.20 (-34 to 35) | >0.99 | >0.99 |
| group_char | | 0.041 | 0.083 | | 0.70 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | -6.0 (-66 to 54) | | | -4.2 (-17 to 8.3) | | |
| H3000's | 72 (5.9 to 137) | | | -5.5 (-19 to 8.2) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.009 | 0.037 | | 0.98 | >0.99 |
| mean_PeakUpDownVel_mean * H2000's | -3.4 (-226 to 220) | | | 4.3 (-42 to 51) | | |
| mean_PeakUpDownVel_mean * H3000's | -307 (-538 to -75) | | | 2.6 (-45 to 51) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 81 (NA to NA) | | | 17 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 13 (-5.2 to 31) | 0.16 | 0.51 | 0.13 (-3.9 to 4.2) | 0.95 | 0.96 |
| mean_APexc_COV | -0.50 (-1.6 to 0.60) | 0.37 | 0.51 | 0.09 (-0.16 to 0.34) | 0.49 | 0.96 |
| group_char | | 0.54 | 0.54 | | 0.96 | 0.96 |
| H1000's | — | | | — | | |
| H2000's | -16 (-46 to 13) | | | 0.63 (-5.9 to 7.1) | | |
| H3000's | -2.1 (-32 to 28) | | | 0.87 (-5.9 to 7.6) | | |
| mean_APexc_COV * group_char | | 0.39 | 0.51 | | 0.80 | 0.96 |
| mean_APexc_COV * H2000's | 0.81 (-0.68 to 2.3) | | | -0.10 (-0.43 to 0.23) | | |
| mean_APexc_COV * H3000's | -0.10 (-1.6 to 1.4) | | | -0.10 (-0.43 to 0.23) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.78 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.2 (-12 to 19) | 0.69 | 0.95 | 0.20 (-3.4 to 3.8) | 0.91 | 0.91 |
| mean_APexc_mean | 35 (-231 to 301) | 0.80 | 0.95 | 24 (-38 to 86) | 0.45 | 0.91 |
| group_char | | 0.95 | 0.95 | | 0.89 | 0.91 |
| H1000's | — | | | — | | |
| H2000's | 0.98 (-21 to 23) | | | 0.34 (-4.7 to 5.4) | | |
| H3000's | -3.0 (-27 to 21) | | | 1.3 (-4.0 to 6.6) | | |
| mean_APexc_mean * group_char | | 0.87 | 0.95 | | 0.73 | 0.91 |
| mean_APexc_mean * H2000's | -46 (-481 to 390) | | | -25 (-125 to 74) | | |
| mean_APexc_mean * H3000's | -133 (-631 to 365) | | | -43 (-155 to 69) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.71 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.8 (-9.2 to 19) | 0.50 | 0.95 | 1.2 (-1.9 to 4.2) | 0.45 | 0.92 |
| mean_MLexc_COV | 0.02 (-0.86 to 0.89) | 0.97 | 0.97 | 0.03 (-0.17 to 0.22) | 0.80 | 0.92 |
| group_char | | 0.62 | 0.95 | | 0.92 | 0.92 |
| H1000's | — | | | — | | |
| H2000's | -8.8 (-30 to 12) | | | -0.66 (-5.2 to 3.9) | | |
| H3000's | -9.5 (-32 to 13) | | | 0.40 (-4.6 to 5.4) | | |
| mean_MLexc_COV * group_char | | 0.71 | 0.95 | | 0.89 | 0.92 |
| mean_MLexc_COV * H2000's | 0.54 (-0.81 to 1.9) | | | -0.03 (-0.33 to 0.27) | | |
| mean_MLexc_COV * H3000's | 0.04 (-1.4 to 1.5) | | | -0.08 (-0.42 to 0.25) | | |
| subj_char.sd___(Intercept) | 7.8 (NA to NA) | | | 0.75 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 6.6 (-7.2 to 20) | 0.35 | 0.92 | 1.0 (-2.1 to 4.1) | 0.52 | 0.91 |
| mean_MLexc_mean | -18 (-174 to 138) | 0.82 | 0.92 | 6.4 (-29 to 42) | 0.72 | 0.91 |
| group_char | | 0.66 | 0.92 | | 0.91 | 0.91 |
| H1000's | — | | | — | | |
| H2000's | 2.5 (-16 to 21) | | | -0.30 (-4.5 to 3.9) | | |
| H3000's | -6.7 (-27 to 14) | | | -0.97 (-5.6 to 3.6) | | |
| mean_MLexc_mean * group_char | | 0.92 | 0.92 | | 0.89 | 0.91 |
| mean_MLexc_mean * H2000's | -43 (-246 to 160) | | | -8.8 (-55 to 37) | | |
| mean_MLexc_mean * H3000's | -25 (-254 to 203) | | | 2.0 (-50 to 54) | | |
| subj_char.sd___(Intercept) | 7.9 (NA to NA) | | | 0.76 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.1 (-8.5 to 17) | 0.52 | 0.86 | 0.97 (-1.9 to 3.9) | 0.51 | 0.98 |
| mean_StepDur | 1.1 (-11 to 14) | 0.86 | 0.86 | 0.60 (-2.4 to 3.6) | 0.69 | 0.98 |
| group_char | | 0.70 | 0.86 | | 0.98 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | 8.1 (-14 to 30) | | | -0.21 (-5.3 to 4.9) | | |
| H3000's | -2.7 (-27 to 22) | | | -0.56 (-6.1 to 5.0) | | |
| mean_StepDur * group_char | | 0.60 | 0.86 | | 0.95 | 0.98 |
| mean_StepDur * H2000's | -12 (-39 to 14) | | | -0.96 (-7.1 to 5.2) | | |
| mean_StepDur * H3000's | -8.7 (-40 to 22) | | | -0.14 (-7.4 to 7.1) | | |
| subj_char.sd__(Intercept) | 7.6 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd__Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 7.0 (-4.3 to 18) | 0.22 | 0.90 | 1.0 (-1.6 to 3.6) | 0.44 | 0.98 |
| mean_UDexc_COV | -0.16 (-0.96 to 0.65) | 0.71 | 0.98 | 0.04 (-0.15 to 0.23) | 0.67 | 0.98 |
| group_char | | 0.76 | 0.98 | | 0.98 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | -0.96 (-18 to 16) | | | -0.37 (-4.1 to 3.4) | | |
| H3000's | -6.9 (-26 to 12) | | | -0.23 (-4.5 to 4.1) | | |
| mean_UDexc_COV * group_char | | 0.98 | 0.98 | | 0.92 | 0.98 |
| mean_UDexc_COV * H2000's | -0.02 (-1.2 to 1.1) | | | -0.05 (-0.32 to 0.21) | | |
| mean_UDexc_COV * H3000's | -0.13 (-1.4 to 1.1) | | | -0.05 (-0.34 to 0.25) | | |
| subj_char.sd__(Intercept) | 7.5 (NA to NA) | | | 0.68 (NA to NA) | | |
| Residual.sd__Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.6 (-8.3 to 18) | 0.48 | >0.99 | 2.6 (-0.32 to 5.6) | 0.081 | 0.32 |
| mean_UDexc_mean | 19 (-484 to 523) | 0.94 | >0.99 | -47 (-164 to 71) | 0.44 | 0.58 |
| group_char | | 0.66 | >0.99 | | 0.39 | 0.58 |
| H1000's | — | | | — | | |
| H2000's | -1.9 (-20 to 16) | | | -2.9 (-7.0 to 1.3) | | |
| H3000's | -8.7 (-28 to 11) | | | -1.8 (-6.2 to 2.5) | | |
| mean_UDexc_mean * group_char | | >0.99 | >0.99 | | 0.65 | 0.65 |
| mean_UDexc_mean * H2000's | 18 (-677 to 713) | | | 77 (-85 to 238) | | |
| mean_UDexc_mean * H3000's | -8.6 (-728 to 711) | | | 44 (-120 to 209) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.1 (-6.5 to 15) | 0.44 | 0.84 | 1.1 (-1.3 to 3.5) | 0.37 | 0.96 |
| mean_StanceDur | 0.74 (-6.7 to 8.1) | 0.84 | 0.84 | 0.33 (-1.4 to 2.1) | 0.72 | 0.96 |
| group_char | | 0.71 | 0.84 | | 0.96 | 0.96 |
| H1000's | — | | | — | | |
| H2000's | 4.3 (-14 to 23) | | | -0.42 (-4.6 to 3.8) | | |
| H3000's | -5.3 (-26 to 15) | | | -0.60 (-5.3 to 4.1) | | |
| mean_StanceDur * group_char | | 0.76 | 0.84 | | 0.96 | 0.96 |
| mean_StanceDur * H2000's | -5.4 (-21 to 10) | | | -0.52 (-4.1 to 3.1) | | |
| mean_StanceDur * H3000's | -3.6 (-22 to 15) | | | -0.09 (-4.5 to 4.3) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.63 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.1 (-8.5 to 17) | 0.53 | 0.86 | 0.97 (-1.9 to 3.9) | 0.51 | 0.98 |
| mean_GaitCycleDur | 0.55 (-5.7 to 6.8) | 0.86 | 0.86 | 0.30 (-1.2 to 1.8) | 0.69 | 0.98 |
| group_char | | 0.70 | 0.86 | | 0.98 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | 8.1 (-14 to 30) | | | -0.21 (-5.3 to 4.9) | | |
| H3000's | -2.6 (-27 to 22) | | | -0.56 (-6.1 to 5.0) | | |
| mean_GaitCycleDur * group_char | | 0.61 | 0.86 | | 0.95 | 0.98 |
| mean_GaitCycleDur * H2000's | -6.2 (-19 to 6.9) | | | -0.48 (-3.6 to 2.6) | | |
| mean_GaitCycleDur * H3000's | -4.4 (-20 to 11) | | | -0.07 (-3.7 to 3.6) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.9 (-5.4 to 15) | 0.35 | 0.77 | 2.1 (-0.27 to 4.4) | 0.083 | 0.33 |
| mean_PeakUpDownVel_mean | 0.65 (-38 to 39) | 0.97 | 0.97 | -2.4 (-12 to 6.7) | 0.61 | 0.77 |
| group_char | | 0.38 | 0.77 | | 0.48 | 0.77 |
| H1000's | — | | | — | | |
| H2000's | -2.6 (-18 to 13) | | | -2.1 (-5.6 to 1.3) | | |
| H3000's | -12 (-28 to 5.1) | | | -1.0 (-4.8 to 2.8) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.95 | 0.97 | | 0.77 | 0.77 |
| mean_PeakUpDownVel_mean * H2000's | 4.7 (-49 to 58) | | | 4.5 (-8.1 to 17) | | |
| mean_PeakUpDownVel_mean * H3000's | 9.6 (-48 to 67) | | | 1.1 (-12 to 14) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.67 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.0 (-5.9 to 8.0) | 0.77 | 0.77 | 6.2 (-3.6 to 16) | 0.21 | 0.85 |
| mean_APexc_COV | 0.06 (-0.35 to 0.48) | 0.76 | 0.77 | -0.12 (-0.72 to 0.48) | 0.70 | 0.94 |
| group_char | | 0.50 | 0.77 | | 0.76 | 0.94 |
| H1000's | — | | | — | | |
| H2000's | 5.5 (-4.9 to 16) | | | -3.8 (-18 to 11) | | |
| H3000's | -0.21 (-10 to 10) | | | -5.1 (-19 to 9.1) | | |
| mean_APexc_COV * group_char | | 0.45 | 0.77 | | 0.94 | 0.94 |
| mean_APexc_COV * H2000's | -0.28 (-0.82 to 0.25) | | | 0.01 (-0.75 to 0.77) | | |
| mean_APexc_COV * H3000's | -0.03 (-0.54 to 0.47) | | | 0.10 (-0.61 to 0.81) | | |
| subj_char.sd___(Intercept) | 3.8 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.66 (-5.1 to 6.4) | 0.82 | 0.82 | 2.6 (-5.8 to 11) | 0.54 | 0.93 |
| mean_APexc_mean | 26 (-73 to 124) | 0.61 | 0.81 | 33 (-116 to 181) | 0.67 | 0.93 |
| group_char | | 0.44 | 0.81 | | 0.93 | 0.93 |
| H1000's | — | | | — | | |
| H2000's | -3.0 (-11 to 5.0) | | | -2.0 (-14 to 9.6) | | |
| H3000's | 2.0 (-5.8 to 9.7) | | | -1.8 (-13 to 9.1) | | |
| mean_APexc_mean * group_char | | 0.40 | 0.81 | | 0.92 | 0.93 |
| mean_APexc_mean * H2000's | 62 (-90 to 215) | | | -42 (-266 to 183) | | |
| mean_APexc_mean * H3000's | -54 (-210 to 103) | | | -34 (-259 to 191) | | |
| subj_char.sd___(Intercept) | 3.8 (NA to NA) | | | 2.1 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.2 (-1.1 to 9.4) | 0.12 | 0.48 | 3.3 (-3.5 to 10) | 0.34 | 0.62 |
| mean_MLexc_COV | -0.15 (-0.49 to 0.19) | 0.39 | 0.78 | 0.07 (-0.38 to 0.52) | 0.75 | 0.75 |
| group_char | | 0.94 | 0.94 | | 0.21 | 0.62 |
| H1000's | — | | | — | | |
| H2000's | -0.05 (-7.7 to 7.6) | | | -8.9 (-19 to 1.3) | | |
| H3000's | 1.2 (-6.8 to 9.2) | | | -1.9 (-13 to 9.1) | | |
| mean_MLexc_COV * group_char | | 0.89 | 0.94 | | 0.46 | 0.62 |
| mean_MLexc_COV * H2000's | -0.03 (-0.53 to 0.46) | | | 0.34 (-0.34 to 1.0) | | |
| mean_MLexc_COV * H3000's | -0.13 (-0.65 to 0.39) | | | -0.12 (-0.86 to 0.62) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.0 (NA to NA) | | |
| Residual.sd___Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.07 (-5.1 to 5.0) | 0.98 | >0.99 | 4.7 (-2.4 to 12) | 0.19 | 0.77 |
| mean_MLexc_mean | 26 (-31 to 82) | 0.37 | >0.99 | -4.1 (-86 to 78) | 0.92 | 0.99 |
| group_char | | >0.99 | >0.99 | | 0.70 | 0.99 |
| H1000's | — | | | — | | |
| H2000's | 0.07 (-6.8 to 7.0) | | | -3.6 (-13 to 6.0) | | |
| H3000's | -0.34 (-7.4 to 6.8) | | | -3.7 (-13 to 6.0) | | |
| mean_MLexc_mean * group_char | | 0.97 | >0.99 | | 0.99 | 0.99 |
| mean_MLexc_mean * H2000's | -8.7 (-80 to 63) | | | -5.9 (-111 to 99) | | |
| mean_MLexc_mean * H3000's | -1.8 (-78 to 74) | | | 0.86 (-108 to 110) | | |
| subj_char.sd___(Intercept) | 4.0 (NA to NA) | | | 2.2 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.52 (-4.0 to 5.1) | 0.82 | 0.82 | 7.0 (0.28 to 14) | 0.041 | 0.16 |
| mean_StepDur | 1.7 (-2.8 to 6.1) | 0.46 | 0.61 | -2.9 (-9.8 to 4.0) | 0.41 | 0.80 |
| group_char | | 0.17 | 0.35 | | 0.60 | 0.80 |
| H1000's | — | | | — | | |
| H2000's | -5.5 (-13 to 2.2) | | | -3.9 (-15 to 7.6) | | |
| H3000's | 3.4 (-5.3 to 12) | | | -6.0 (-19 to 6.5) | | |
| mean_StepDur * group_char | | 0.15 | 0.35 | | 0.94 | 0.94 |
| mean_StepDur * H2000's | 7.0 (-1.9 to 16) | | | -1.0 (-15 to 13) | | |
| mean_StepDur * H3000's | -5.2 (-17 to 6.3) | | | 2.5 (-14 to 19) | | |
| subj_char.sd__(Intercept) | 3.8 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd__Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.10 (-4.1 to 4.3) | 0.96 | 0.96 | 5.9 (-0.15 to 12) | 0.056 | 0.22 |
| mean_UDexc_COV | 0.16 (-0.14 to 0.45) | 0.29 | 0.96 | -0.12 (-0.57 to 0.33) | 0.60 | 0.80 |
| group_char | | 0.73 | 0.96 | | 0.46 | 0.80 |
| H1000's | — | | | — | | |
| H2000's | -1.9 (-8.0 to 4.2) | | | -4.9 (-14 to 3.8) | | |
| H3000's | 0.72 (-6.4 to 7.9) | | | -5.1 (-15 to 5.1) | | |
| mean_UDexc_COV * group_char | | 0.73 | 0.96 | | 0.95 | 0.95 |
| mean_UDexc_COV * H2000's | 0.09 (-0.32 to 0.50) | | | 0.06 (-0.56 to 0.68) | | |
| mean_UDexc_COV * H3000's | -0.10 (-0.59 to 0.39) | | | 0.12 (-0.61 to 0.85) | | |
| subj_char.sd__(Intercept) | 3.8 (NA to NA) | | | 2.2 (NA to NA) | | |
| Residual.sd__Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.6 (-1.0 to 8.3) | 0.13 | 0.41 | 3.2 (-3.6 to 10) | 0.35 | 0.72 |
| mean_UDexc_mean | -68 (-244 to 109) | 0.45 | 0.45 | 50 (-220 to 321) | 0.72 | 0.72 |
| group_char | | 0.31 | 0.41 | | 0.36 | 0.72 |
| H1000's | — | | | — | | |
| H2000's | 0.83 (-5.9 to 7.6) | | | -6.9 (-17 to 2.8) | | |
| H3000's | -4.4 (-11 to 2.6) | | | -2.4 (-12 to 7.8) | | |
| mean_UDexc_mean * group_char | | 0.24 | 0.41 | | 0.71 | 0.72 |
| mean_UDexc_mean * H2000's | -50 (-296 to 196) | | | 107 (-267 to 482) | | |
| mean_UDexc_mean * H3000's | 168 (-95 to 431) | | | -55 (-456 to 347) | | |
| subj_char.sd__(Intercept) | 4.0 (NA to NA) | | | 2.0 (NA to NA) | | |
| Residual.sd__Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.67 (-3.2 to 4.5) | 0.73 | 0.73 | 6.8 (1.1 to 12) | 0.019 | 0.076 |
| mean_StanceDur | 1.1 (-1.5 to 3.7) | 0.41 | 0.55 | -1.9 (-6.0 to 2.2) | 0.36 | 0.68 |
| group_char | | 0.14 | 0.28 | | 0.51 | 0.68 |
| H1000's | — | | | — | | |
| H2000's | -4.9 (-11 to 1.5) | | | -3.7 (-13 to 5.7) | | |
| H3000's | 2.8 (-4.5 to 10) | | | -5.7 (-16 to 4.8) | | |
| mean_StanceDur * group_char | | 0.10 | 0.28 | | 0.92 | 0.92 |
| mean_StanceDur * H2000's | 4.5 (-0.65 to 9.7) | | | -0.85 (-8.9 to 7.2) | | |
| mean_StanceDur * H3000's | -3.2 (-10 to 3.6) | | | 1.6 (-8.6 to 12) | | |
| subj_char.sd__(Intercept) | 3.8 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd__Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.52 (-4.0 to 5.1) | 0.82 | 0.82 | 7.0 (0.27 to 14) | 0.041 | 0.17 |
| mean_GaitCycleDur | 0.84 (-1.4 to 3.1) | 0.46 | 0.61 | -1.4 (-4.9 to 2.0) | 0.41 | 0.80 |
| group_char | | 0.18 | 0.36 | | 0.60 | 0.80 |
| H1000's | — | | | — | | |
| H2000's | -5.5 (-13 to 2.3) | | | -3.9 (-15 to 7.6) | | |
| H3000's | 3.3 (-5.4 to 12) | | | -6.0 (-19 to 6.5) | | |
| mean_GaitCycleDur * group_char | | 0.15 | 0.36 | | 0.94 | 0.94 |
| mean_GaitCycleDur * H2000's | 3.4 (-0.99 to 7.9) | | | -0.47 (-7.3 to 6.3) | | |
| mean_GaitCycleDur * H3000's | -2.6 (-8.3 to 3.1) | | | 1.2 (-7.2 to 9.6) | | |
| subj_char.sd___(Intercept) | 3.8 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd___Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.3 (-0.51 to 7.1) | 0.089 | 0.36 | 3.0 (-2.4 to 8.5) | 0.27 | 0.70 |
| mean_PeakUpDownVel_mean | -5.3 (-19 to 8.3) | 0.44 | 0.44 | 5.8 (-15 to 27) | 0.59 | 0.77 |
| group_char | | 0.43 | 0.44 | | 0.35 | 0.70 |
| H1000's | — | | | — | | |
| H2000's | 0.62 (-5.0 to 6.2) | | | -5.9 (-14 to 2.1) | | |
| H3000's | -3.3 (-9.3 to 2.7) | | | -2.4 (-11 to 6.1) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.31 | 0.44 | | 0.77 | 0.77 |
| mean_PeakUpDownVel_mean * H2000's | -3.6 (-22 to 15) | | | 5.8 (-23 to 35) | | |
| mean_PeakUpDownVel_mean * H3000's | 11 (-8.7 to 31) | | | -5.2 (-36 to 26) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.1 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 8.5 (-14 to 31) | 0.46 | 0.56 | 0.82 (-5.5 to 7.1) | 0.80 | 0.91 |
| mean_APexc_COV | -0.42 (-1.8 to 0.99) | 0.56 | 0.56 | -0.02 (-0.41 to 0.37) | 0.91 | 0.91 |
| group_char | | 0.40 | 0.56 | | 0.52 | 0.91 |
| H1000's | — | | | — | | |
| H2000's | 17 (-17 to 52) | | | -3.1 (-13 to 6.5) | | |
| H3000's | -4.9 (-35 to 25) | | | 2.2 (-6.2 to 11) | | |
| mean_APexc_COV * group_char | | 0.37 | 0.56 | | 0.88 | 0.91 |
| mean_APexc_COV * H2000's | -0.75 (-2.6 to 1.1) | | | 0.09 (-0.42 to 0.60) | | |
| mean_APexc_COV * H3000's | 0.23 (-1.4 to 1.8) | | | 0.00 (-0.44 to 0.43) | | |
| subj_char.sd__(Intercept) | 9.0 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -3.7 (-22 to 15) | 0.69 | 0.69 | 0.62 (-4.3 to 5.6) | 0.81 | 0.95 |
| mean_APexc_mean | 105 (-217 to 427) | 0.52 | 0.69 | -2.6 (-89 to 83) | 0.95 | 0.95 |
| group_char | | 0.58 | 0.69 | | 0.039 | 0.16 |
| H1000's | — | | | — | | |
| H2000's | 12 (-14 to 39) | | | -1.0 (-8.1 to 6.1) | | |
| H3000's | 0.77 (-23 to 24) | | | 6.3 (0.03 to 13) | | |
| mean_APexc_mean * group_char | | 0.54 | 0.69 | | 0.15 | 0.29 |
| mean_APexc_mean * H2000's | -278 (-778 to 222) | | | -5.1 (-139 to 129) | | |
| mean_APexc_mean * H3000's | -73 (-513 to 366) | | | -106 (-224 to 12) | | |
| subj_char.sd__(Intercept) | 8.6 (NA to NA) | | | 2.5 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.0 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.4 (-13 to 18) | 0.76 | 0.98 | 0.45 (-3.8 to 4.7) | 0.84 | 0.99 |
| mean_MLexc_COV | -0.03 (-0.98 to 0.93) | 0.95 | 0.98 | 0.00 (-0.26 to 0.26) | 0.99 | 0.99 |
| group_char | | 0.92 | 0.98 | | 0.52 | 0.99 |
| H1000's | — | | | — | | |
| H2000's | -0.28 (-24 to 23) | | | -1.2 (-7.6 to 5.1) | | |
| H3000's | -4.4 (-28 to 19) | | | -3.7 (-10 to 2.7) | | |
| mean_MLexc_COV * group_char | | 0.98 | 0.98 | | 0.13 | 0.52 |
| mean_MLexc_COV * H2000's | -0.09 (-1.6 to 1.4) | | | 0.00 (-0.41 to 0.41) | | |
| mean_MLexc_COV * H3000's | 0.06 (-1.4 to 1.5) | | | 0.38 (-0.02 to 0.78) | | |
| subj_char.sd___(Intercept) | 8.8 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.0 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -3.5 (-19 to 12) | 0.65 | 0.65 | 0.66 (-3.6 to 4.9) | 0.76 | 0.93 |
| mean_MLexc_mean | 75 (-118 to 269) | 0.44 | 0.65 | -2.5 (-55 to 50) | 0.93 | 0.93 |
| group_char | | 0.55 | 0.65 | | 0.20 | 0.78 |
| H1000's | — | | | — | | |
| H2000's | 11 (-11 to 32) | | | -1.6 (-7.5 to 4.4) | | |
| H3000's | 1.1 (-19 to 22) | | | 3.5 (-2.2 to 9.1) | | |
| mean_MLexc_mean * group_char | | 0.47 | 0.65 | | 0.70 | 0.93 |
| mean_MLexc_mean * H2000's | -149 (-392 to 95) | | | 4.2 (-62 to 71) | | |
| mean_MLexc_mean * H3000's | -66 (-300 to 168) | | | -18 (-82 to 46) | | |
| subj_char.sd___(Intercept) | 8.8 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -3.9 (-18 to 10) | 0.58 | 0.60 | 0.67 (-3.1 to 4.5) | 0.73 | 0.91 |
| mean_StepDur | 6.4 (-7.4 to 20) | 0.36 | 0.60 | -0.21 (-3.9 to 3.4) | 0.91 | 0.91 |
| group_char | | 0.60 | 0.60 | | 0.034 | 0.14 |
| H1000's | — | | | — | | |
| H2000's | 13 (-12 to 38) | | | -0.43 (-7.2 to 6.4) | | |
| H3000's | 4.7 (-19 to 28) | | | 7.9 (1.5 to 14) | | |
| mean_StepDur * group_char | | 0.47 | 0.60 | | 0.086 | 0.17 |
| mean_StepDur * H2000's | -18 (-47 to 12) | | | -1.1 (-8.9 to 6.8) | | |
| mean_StepDur * H3000's | -9.7 (-39 to 19) | | | -8.7 (-17 to -0.96) | | |
| subj_char.sd__(Intercept) | 8.6 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.0 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.66 (-12 to 13) | 0.92 | 0.92 | 0.57 (-2.8 to 3.9) | 0.74 | 0.95 |
| mean_UDexc_COV | 0.11 (-0.78 to 1.0) | 0.81 | 0.92 | -0.01 (-0.25 to 0.23) | 0.95 | 0.95 |
| group_char | | 0.88 | 0.92 | | 0.17 | 0.69 |
| H1000's | — | | | — | | |
| H2000's | 2.7 (-16 to 21) | | | -1.2 (-6.3 to 3.8) | | |
| H3000's | -2.7 (-23 to 18) | | | 4.1 (-1.4 to 9.6) | | |
| mean_UDexc_COV * group_char | | 0.88 | 0.92 | | 0.62 | 0.95 |
| mean_UDexc_COV * H2000's | -0.32 (-1.6 to 0.95) | | | 0.00 (-0.34 to 0.35) | | |
| mean_UDexc_COV * H3000's | -0.08 (-1.5 to 1.3) | | | -0.17 (-0.54 to 0.21) | | |
| subj_char.sd__(Intercept) | 8.7 (NA to NA) | | | 2.5 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 13 (-0.86 to 27) | 0.066 | 0.16 | 0.32 (-3.6 to 4.2) | 0.87 | 0.93 |
| mean_UDexc_mean | -463 (-988 to 62) | 0.084 | 0.16 | 6.3 (-138 to 150) | 0.93 | 0.93 |
| group_char | | 0.14 | 0.16 | | 0.83 | 0.93 |
| H1000's | — | | | — | | |
| H2000's | -18 (-39 to 2.6) | | | -1.3 (-7.1 to 4.4) | | |
| H3000's | -18 (-39 to 3.0) | | | 0.50 (-5.3 to 6.3) | | |
| mean_UDexc_mean * group_char | | 0.16 | 0.16 | | 0.87 | 0.93 |
| mean_UDexc_mean * H2000's | 684 (-75 to 1,443) | | | 3.8 (-204 to 212) | | |
| mean_UDexc_mean * H3000's | 588 (-184 to 1,359) | | | 52 (-160 to 263) | | |
| subj_char.sd___(Intercept) | 8.4 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -2.8 (-15 to 9.3) | 0.65 | 0.71 | 0.65 (-2.6 to 3.9) | 0.70 | 0.90 |
| mean_StanceDur | 3.8 (-4.6 to 12) | 0.37 | 0.71 | -0.14 (-2.4 to 2.1) | 0.90 | 0.90 |
| group_char | | 0.71 | 0.71 | | 0.028 | 0.11 |
| H1000's | — | | | — | | |
| H2000's | 8.8 (-12 to 30) | | | -0.68 (-6.4 to 5.0) | | |
| H3000's | 4.1 (-16 to 24) | | | 6.6 (1.2 to 12) | | |
| mean_StanceDur * group_char | | 0.51 | 0.71 | | 0.090 | 0.18 |
| mean_StanceDur * H2000's | -9.1 (-27 to 8.4) | | | -0.56 (-5.2 to 4.1) | | |
| mean_StanceDur * H3000's | -6.9 (-24 to 11) | | | -5.2 (-9.8 to -0.52) | | |
| subj_char.sd___(Intercept) | 8.6 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.0 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -3.9 (-18 to 10) | 0.58 | 0.60 | 0.67 (-3.1 to 4.5) | 0.73 | 0.91 |
| mean_GaitCycleDur | 3.2 (-3.7 to 10) | 0.36 | 0.60 | -0.11 (-1.9 to 1.7) | 0.91 | 0.91 |
| group_char | | 0.60 | 0.60 | | 0.032 | 0.13 |
| H1000's | — | | | — | | |
| H2000's | 13 (-12 to 38) | | | -0.44 (-7.2 to 6.4) | | |
| H3000's | 4.7 (-19 to 28) | | | 7.9 (1.5 to 14) | | |
| mean_GaitCycleDur * group_char | | 0.47 | 0.60 | | 0.083 | 0.17 |
| mean_GaitCycleDur * H2000's | -8.8 (-23 to 5.9) | | | -0.53 (-4.4 to 3.4) | | |
| mean_GaitCycleDur * H3000's | -4.9 (-19 to 9.6) | | | -4.4 (-8.3 to -0.52) | | |
| subj_char.sd___(Intercept) | 8.6 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.0 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.1 (-2.3 to 20) | 0.12 | 0.18 | 0.32 (-2.8 to 3.5) | 0.84 | 0.91 |
| mean_PeakUpDownVel_mean | -30 (-70 to 11) | 0.15 | 0.18 | 0.65 (-10 to 12) | 0.91 | 0.91 |
| group_char | | 0.16 | 0.18 | | 0.77 | 0.91 |
| H1000's | — | | | — | | |
| H2000's | -14 (-32 to 3.3) | | | -1.6 (-6.5 to 3.3) | | |
| H3000's | -14 (-31 to 2.8) | | | 0.05 (-4.6 to 4.7) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.18 | 0.18 | | 0.69 | 0.91 |
| mean_PeakUpDownVel_mean * H2000's | 52 (-8.2 to 112) | | | 1.4 (-15 to 18) | | |
| mean_PeakUpDownVel_mean * H3000's | 42 (-15 to 99) | | | 6.5 (-9.0 to 22) | | |
| subj_char.sd___(Intercept) | 8.5 (NA to NA) | | | 2.5 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.1 (-14 to 32) | 0.44 | 0.79 | 0.59 (-19 to 20) | 0.95 | 0.98 |
| mean_APexc_COV | -0.34 (-1.7 to 0.99) | 0.62 | 0.79 | 0.02 (-1.1 to 1.1) | 0.98 | 0.98 |
| group_char | | 0.79 | 0.79 | | 0.75 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | 4.8 (-35 to 44) | | | -14 (-48 to 21) | | |
| H3000's | -8.1 (-40 to 24) | | | -3.4 (-31 to 24) | | |
| mean_APexc_COV * group_char | | 0.31 | 0.79 | | 0.74 | 0.98 |
| mean_APexc_COV * H2000's | -0.62 (-2.6 to 1.3) | | | 0.58 (-1.1 to 2.3) | | |
| mean_APexc_COV * H3000's | 0.63 (-0.93 to 2.2) | | | 0.04 (-1.3 to 1.4) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.8 (-15 to 23) | 0.69 | 0.92 | 1.2 (-15 to 17) | 0.89 | 0.97 |
| mean_APexc_mean | -6.3 (-340 to 327) | 0.97 | 0.97 | -5.7 (-285 to 274) | 0.97 | 0.97 |
| group_char | | 0.003 | 0.007 | | 0.087 | 0.17 |
| H1000's | — | | | — | | |
| H2000's | 51 (20 to 82) | | | -27 (-55 to 0.06) | | |
| H3000's | 8.4 (-16 to 33) | | | 0.50 (-21 to 22) | | |
| mean_APexc_mean * group_char | | <0.001 | <0.001 | | 0.049 | 0.17 |
| mean_APexc_mean * H2000's | -1,484 (-2,143 to -826) | | | 634 (67 to 1,200) | | |
| mean_APexc_mean * H3000's | -84 (-561 to 394) | | | -67 (-482 to 348) | | |
| subj_char.sd___(Intercept) | 4.0 (NA to NA) | | | 9.9 (NA to NA) | | |
| Residual.sd___Observation | 22 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -7.2 (-26 to 12) | 0.45 | 0.46 | 0.19 (-17 to 17) | 0.98 | 0.98 |
| mean_MLexc_COV | 0.74 (-0.49 to 2.0) | 0.24 | 0.46 | 0.05 (-1.1 to 1.2) | 0.94 | 0.98 |
| group_char | | 0.46 | 0.46 | | 0.085 | 0.17 |
| H1000's | — | | | — | | |
| H2000's | 19 (-12 to 49) | | | 20 (-6.6 to 46) | | |
| H3000's | 11 (-15 to 38) | | | -8.8 (-32 to 15) | | |
| mean_MLexc_COV * group_char | | 0.13 | 0.46 | | 0.060 | 0.17 |
| mean_MLexc_COV * H2000's | -2.2 (-4.3 to -0.04) | | | -1.6 (-3.4 to 0.19) | | |
| mean_MLexc_COV * H3000's | -0.42 (-2.2 to 1.3) | | | 0.47 (-1.0 to 2.0) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 11 (-6.2 to 29) | 0.20 | 0.68 | 1.5 (-14 to 17) | 0.84 | 0.92 |
| mean_MLexc_mean | -98 (-301 to 104) | 0.34 | 0.68 | -8.2 (-175 to 158) | 0.92 | 0.92 |
| group_char | | 0.61 | 0.81 | | 0.022 | 0.044 |
| H1000's | — | | | — | | |
| H2000's | -4.9 (-31 to 21) | | | -17 (-39 to 4.9) | | |
| H3000's | 7.1 (-16 to 30) | | | 12 (-7.9 to 32) | | |
| mean_MLexc_mean * group_char | | 0.92 | 0.92 | | 0.003 | 0.012 |
| mean_MLexc_mean * H2000's | -57 (-339 to 225) | | | 185 (-42 to 411) | | |
| mean_MLexc_mean * H3000's | -16 (-269 to 236) | | | -163 (-373 to 47) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.3 (-13 to 20) | 0.70 | 0.93 | 1.6 (-13 to 16) | 0.82 | 0.90 |
| mean_StepDur | 0.14 (-17 to 17) | 0.99 | 0.99 | -0.87 (-15 to 13) | 0.90 | 0.90 |
| group_char | | 0.091 | 0.18 | | 0.070 | 0.14 |
| H1000's | — | | | — | | |
| H2000's | 28 (-3.3 to 59) | | | -21 (-47 to 4.6) | | |
| H3000's | 26 (-2.2 to 54) | | | 13 (-11 to 37) | | |
| mean_StepDur * group_char | | 0.016 | 0.063 | | 0.038 | 0.14 |
| mean_StepDur * H2000's | -51 (-89 to -14) | | | 27 (-3.1 to 58) | | |
| mean_StepDur * H3000's | -30 (-66 to 5.5) | | | -22 (-52 to 8.0) | | |
| subj_char.sd__(Intercept) | 6.3 (NA to NA) | | | 10 (NA to NA) | | |
| Residual.sd__Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 6.0 (-8.1 to 20) | 0.41 | 0.56 | 1.1 (-11 to 13) | 0.86 | 0.96 |
| mean_UDexc_COV | -0.20 (-1.2 to 0.79) | 0.70 | 0.70 | -0.02 (-0.82 to 0.78) | 0.96 | 0.96 |
| group_char | | 0.42 | 0.56 | | 0.27 | 0.55 |
| H1000's | — | | | — | | |
| H2000's | 6.4 (-17 to 30) | | | -13 (-33 to 7.0) | | |
| H3000's | 14 (-7.0 to 36) | | | 3.8 (-15 to 22) | | |
| mean_UDexc_COV * group_char | | 0.29 | 0.56 | | 0.14 | 0.55 |
| mean_UDexc_COV * H2000's | -1.3 (-2.9 to 0.34) | | | 0.92 (-0.38 to 2.2) | | |
| mean_UDexc_COV * H3000's | -0.71 (-2.2 to 0.79) | | | -0.45 (-1.7 to 0.78) | | |
| subj_char.sd__(Intercept) | 7.1 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd__Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.5 (-16 to 19) | 0.86 | 0.86 | -0.09 (-15 to 15) | >0.99 | >0.99 |
| mean_UDexc_mean | 86 (-626 to 799) | 0.81 | 0.86 | 41 (-543 to 625) | 0.89 | >0.99 |
| group_char | | 0.26 | 0.75 | | 0.45 | 0.90 |
| H1000's | — | | | — | | |
| H2000's | -21 (-47 to 4.4) | | | 7.1 (-15 to 29) | | |
| H3000's | -12 (-35 to 12) | | | -6.5 (-27 to 14) | | |
| mean_UDexc_mean * group_char | | 0.38 | 0.75 | | 0.41 | 0.90 |
| mean_UDexc_mean * H2000's | 422 (-567 to 1,412) | | | -330 (-1,142 to 482) | | |
| mean_UDexc_mean * H3000's | 643 (-258 to 1,543) | | | 162 (-580 to 905) | | |
| subj_char.sd___(Intercept) | 7.2 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.2 (-11 to 18) | 0.66 | 0.88 | 1.5 (-11 to 14) | 0.81 | 0.90 |
| mean_StanceDur | 0.20 (-10 to 11) | 0.97 | 0.97 | -0.54 (-8.9 to 7.8) | 0.90 | 0.90 |
| group_char | | 0.15 | 0.30 | | 0.13 | 0.25 |
| H1000's | — | | | — | | |
| H2000's | 18 (-8.2 to 43) | | | -16 (-38 to 6.1) | | |
| H3000's | 22 (-2.2 to 46) | | | 9.4 (-11 to 30) | | |
| mean_StanceDur * group_char | | 0.028 | 0.11 | | 0.061 | 0.24 |
| mean_StanceDur * H2000's | -28 (-51 to -5.5) | | | 15 (-3.5 to 33) | | |
| mean_StanceDur * H3000's | -18 (-40 to 4.0) | | | -13 (-31 to 5.4) | | |
| subj_char.sd___(Intercept) | 6.6 (NA to NA) | | | 10 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.4 (-13 to 20) | 0.69 | 0.93 | 1.6 (-13 to 16) | 0.82 | 0.90 |
| mean_GaitCycleDur | 0.05 (-8.6 to 8.7) | >0.99 | >0.99 | -0.43 (-7.4 to 6.5) | 0.90 | 0.90 |
| group_char | | 0.090 | 0.18 | | 0.070 | 0.14 |
| H1000's | — | | | — | | |
| H2000's | 28 (-3.2 to 59) | | | -21 (-47 to 4.6) | | |
| H3000's | 26 (-2.2 to 54) | | | 13 (-11 to 37) | | |
| mean_GaitCycleDur * group_char | | 0.015 | 0.061 | | 0.038 | 0.14 |
| mean_GaitCycleDur * H2000's | -26 (-45 to -6.9) | | | 14 (-1.5 to 29) | | |
| mean_GaitCycleDur * H3000's | -15 (-33 to 2.7) | | | -11 (-26 to 4.0) | | |
| subj_char.sd___(Intercept) | 6.3 (NA to NA) | | | 10 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.14 (-13 to 13) | 0.98 | 0.98 | 0.26 (-11 to 12) | 0.97 | 0.97 |
| mean_PeakUpDownVel_mean | 14 (-36 to 65) | 0.58 | 0.77 | 2.6 (-39 to 44) | 0.90 | 0.97 |
| group_char | | 0.16 | 0.62 | | 0.16 | 0.32 |
| H1000's | — | | | — | | |
| H2000's | -20 (-41 to 0.33) | | | 9.8 (-8.3 to 28) | | |
| H3000's | -8.8 (-27 to 9.9) | | | -8.0 (-24 to 8.5) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.36 | 0.72 | | 0.089 | 0.32 |
| mean_PeakUpDownVel_mean * H2000's | 35 (-37 to 108) | | | -41 (-100 to 18) | | |
| mean_PeakUpDownVel_mean * H3000's | 47 (-18 to 113) | | | 20 (-33 to 74) | | |
| subj_char.sd___(Intercept) | 6.7 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -1.6 (-29 to 26) | 0.91 | 0.99 | 0.45 (-15 to 16) | 0.96 | >0.99 |
| mean_APexc_COV | 0.02 (-1.6 to 1.6) | 0.99 | 0.99 | 0.00 (-0.92 to 0.92) | >0.99 | >0.99 |
| group_char | | 0.32 | 0.91 | | 0.83 | >0.99 |
| H1000's | — | | | — | | |
| H2000's | -32 (-79 to 15) | | | 4.9 (-22 to 32) | | |
| H3000's | 0.99 (-37 to 39) | | | 6.7 (-15 to 29) | | |
| mean_APexc_COV * group_char | | 0.46 | 0.91 | | 0.91 | >0.99 |
| mean_APexc_COV * H2000's | 1.2 (-1.2 to 3.5) | | | -0.29 (-1.6 to 1.0) | | |
| mean_APexc_COV * H3000's | -0.03 (-1.9 to 1.9) | | | -0.14 (-1.2 to 0.94) | | |
| subj_char.sd___(Intercept) | 7.1 (NA to NA) | | | 3.7 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -17 (-37 to 3.6) | 0.11 | 0.24 | 0.22 (-11 to 12) | 0.97 | 0.97 |
| mean_APexc_mean | 282 (-75 to 639) | 0.12 | 0.24 | 3.3 (-199 to 205) | 0.97 | 0.97 |
| group_char | | 0.25 | 0.30 | | 0.027 | 0.11 |
| H1000's | — | | | — | | |
| H2000's | 2.7 (-33 to 38) | | | -19 (-39 to 1.6) | | |
| H3000's | 22 (-5.5 to 50) | | | 8.7 (-7.2 to 25) | | |
| mean_APexc_mean * group_char | | 0.30 | 0.30 | | 0.057 | 0.11 |
| mean_APexc_mean * H2000's | -152 (-832 to 528) | | | 362 (-23 to 747) | | |
| mean_APexc_mean * H3000's | -461 (-1,041 to 119) | | | -143 (-473 to 187) | | |
| subj_char.sd___(Intercept) | 6.9 (NA to NA) | | | 4.3 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.7 (-15 to 18) | 0.84 | 0.84 | -0.86 (-10 to 8.5) | 0.86 | 0.86 |
| mean_MLexc_COV | -0.20 (-1.2 to 0.81) | 0.69 | 0.84 | 0.08 (-0.49 to 0.66) | 0.78 | 0.86 |
| group_char | | 0.52 | 0.84 | | 0.32 | 0.64 |
| H1000's | — | | | — | | |
| H2000's | -23 (-65 to 18) | | | 15 (-8.1 to 39) | | |
| H3000's | 1.1 (-29 to 32) | | | -4.4 (-22 to 13) | | |
| mean_MLexc_COV * group_char | | 0.69 | 0.84 | | 0.16 | 0.62 |
| mean_MLexc_COV * H2000's | 1.1 (-1.6 to 3.9) | | | -1.2 (-2.7 to 0.37) | | |
| mean_MLexc_COV * H3000's | -0.07 (-2.1 to 1.9) | | | 0.54 (-0.60 to 1.7) | | |
| subj_char.sd___(Intercept) | 7.1 (NA to NA) | | | 4.0 (NA to NA) | | |
| Residual.sd___Observation | 26 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -18 (-35 to -1.5) | 0.033 | 0.070 | 1.0 (-8.7 to 11) | 0.84 | 0.89 |
| mean_MLexc_mean | 213 (15 to 412) | 0.035 | 0.070 | -7.7 (-121 to 106) | 0.89 | 0.89 |
| group_char | | 0.32 | 0.32 | | 0.014 | 0.052 |
| H1000's | — | | | — | | |
| H2000's | 10 (-21 to 41) | | | -20 (-37 to -1.8) | | |
| H3000's | 18 (-5.4 to 42) | | | 6.8 (-6.9 to 20) | | |
| mean_MLexc_mean * group_char | | 0.21 | 0.28 | | 0.026 | 0.052 |
| mean_MLexc_mean * H2000's | -210 (-544 to 124) | | | 204 (15 to 393) | | |
| mean_MLexc_mean * H3000's | -225 (-488 to 38) | | | -42 (-193 to 108) | | |
| subj_char.sd___(Intercept) | 6.8 (NA to NA) | | | 5.1 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -9.7 (-26 to 7.0) | 0.26 | 0.36 | 0.23 (-9.1 to 9.6) | 0.96 | 0.97 |
| mean_StepDur | 9.2 (-8.0 to 26) | 0.30 | 0.36 | 0.19 (-9.4 to 9.8) | 0.97 | 0.97 |
| group_char | | 0.36 | 0.36 | | 0.008 | 0.028 |
| H1000's | — | | | — | | |
| H2000's | 23 (-16 to 61) | | | -29 (-51 to -7.3) | | |
| H3000's | 17 (-13 to 48) | | | 8.7 (-8.7 to 26) | | |
| mean_StepDur * group_char | | 0.22 | 0.36 | | 0.014 | 0.028 |
| mean_StepDur * H2000's | -36 (-83 to 10) | | | 36 (9.8 to 62) | | |
| mean_StepDur * H3000's | -23 (-64 to 19) | | | -8.3 (-31 to 15) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 4.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -9.8 (-24 to 4.2) | 0.17 | 0.26 | 0.23 (-7.8 to 8.2) | 0.95 | 0.96 |
| mean_UDexc_COV | 0.64 (-0.32 to 1.6) | 0.19 | 0.26 | 0.01 (-0.54 to 0.56) | 0.96 | 0.96 |
| group_char | | 0.33 | 0.33 | | 0.13 | 0.47 |
| H1000's | — | | | — | | |
| H2000's | 19 (-8.8 to 47) | | | -12 (-28 to 4.3) | | |
| H3000's | 12 (-12 to 37) | | | 7.1 (-7.1 to 21) | | |
| mean_UDexc_COV * group_char | | 0.12 | 0.26 | | 0.23 | 0.47 |
| mean_UDexc_COV * H2000's | -1.8 (-3.6 to -0.06) | | | 0.69 (-0.32 to 1.7) | | |
| mean_UDexc_COV * H3000's | -0.90 (-2.5 to 0.73) | | | -0.28 (-1.2 to 0.66) | | |
| subj_char.sd___(Intercept) | 7.0 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 10 (-5.9 to 26) | 0.22 | 0.22 | -0.24 (-9.4 to 8.9) | 0.96 | 0.96 |
| mean_UDexc_mean | -489 (-1,119 to 141) | 0.13 | 0.17 | 27 (-332 to 386) | 0.88 | 0.96 |
| group_char | | 0.019 | 0.061 | | 0.10 | 0.19 |
| H1000's | — | | | — | | |
| H2000's | -47 (-79 to -14) | | | 19 (0.95 to 38) | | |
| H3000's | -14 (-38 to 10) | | | 0.26 (-13 to 14) | | |
| mean_UDexc_mean * group_char | | 0.031 | 0.061 | | 0.023 | 0.094 |
| mean_UDexc_mean * H2000's | 1,691 (421 to 2,961) | | | -885 (-1,609 to -162) | | |
| mean_UDexc_mean * H3000's | 593 (-328 to 1,514) | | | 116 (-409 to 640) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 3.8 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -7.8 (-22 to 6.4) | 0.28 | 0.43 | 0.31 (-7.6 to 8.2) | 0.94 | 0.98 |
| mean_StanceDur | 5.2 (-5.2 to 16) | 0.33 | 0.43 | 0.08 (-5.7 to 5.9) | 0.98 | 0.98 |
| group_char | | 0.48 | 0.48 | | 0.008 | 0.025 |
| H1000's | — | | | — | | |
| H2000's | 14 (-17 to 45) | | | -23 (-40 to -5.4) | | |
| H3000's | 13 (-12 to 39) | | | 7.8 (-6.7 to 22) | | |
| mean_StanceDur * group_char | | 0.27 | 0.43 | | 0.013 | 0.025 |
| mean_StanceDur * H2000's | -19 (-45 to 7.4) | | | 20 (5.5 to 35) | | |
| mean_StanceDur * H3000's | -13 (-37 to 12) | | | -5.1 (-19 to 8.6) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 4.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -9.7 (-26 to 7.0) | 0.25 | 0.36 | 0.22 (-9.1 to 9.6) | 0.96 | 0.97 |
| mean_GaitCycleDur | 4.6 (-4.0 to 13) | 0.29 | 0.36 | 0.10 (-4.7 to 4.9) | 0.97 | 0.97 |
| group_char | | 0.36 | 0.36 | | 0.009 | 0.028 |
| H1000's | — | | | — | | |
| H2000's | 22 (-16 to 61) | | | -29 (-50 to -7.2) | | |
| H3000's | 18 (-13 to 48) | | | 8.7 (-8.6 to 26) | | |
| mean_GaitCycleDur * group_char | | 0.22 | 0.36 | | 0.014 | 0.028 |
| mean_GaitCycleDur * H2000's | -18 (-41 to 5.1) | | | 18 (4.8 to 31) | | |
| mean_GaitCycleDur * H3000's | -11 (-32 to 9.2) | | | -4.2 (-16 to 7.4) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 4.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.1 (-4.1 to 22) | 0.18 | 0.18 | 0.10 (-7.4 to 7.6) | 0.98 | 0.98 |
| mean_PeakUpDownVel_mean | -45 (-95 to 5.4) | 0.080 | 0.11 | 1.3 (-27 to 30) | 0.93 | 0.98 |
| group_char | | 0.016 | 0.048 | | 0.15 | 0.30 |
| H1000's | — | | | — | | |
| H2000's | -39 (-65 to -12) | | | 15 (-0.19 to 30) | | |
| H3000's | -13 (-34 to 8.0) | | | 2.1 (-9.8 to 14) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.024 | 0.048 | | 0.033 | 0.13 |
| mean_PeakUpDownVel_mean * H2000's | 131 (35 to 227) | | | -66 (-121 to -11) | | |
| mean_PeakUpDownVel_mean * H3000's | 54 (-18 to 126) | | | 3.3 (-38 to 44) | | |
| subj_char.sd___(Intercept) | 6.8 (NA to NA) | | | 3.8 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 14 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -8.9 (-66 to 49) | 0.76 | 0.76 | 0.28 (-1.1 to 1.6) | 0.69 | 0.90 |
| mean_APexc_COV | 0.79 (-2.7 to 4.3) | 0.65 | 0.76 | -0.01 (-0.09 to 0.08) | 0.90 | 0.90 |
| group_char | | 0.002 | 0.006 | | 0.56 | 0.90 |
| H1000's | — | | | — | | |
| H2000's | -11 (-100 to 78) | | | -0.95 (-3.1 to 1.2) | | |
| H3000's | 128 (47 to 210) | | | 0.17 (-1.8 to 2.1) | | |
| mean_APexc_COV * group_char | | 0.006 | 0.011 | | 0.69 | 0.90 |
| mean_APexc_COV * H2000's | -0.35 (-4.9 to 4.2) | | | 0.04 (-0.07 to 0.15) | | |
| mean_APexc_COV * H3000's | -5.4 (-9.5 to -1.3) | | | 0.01 (-0.09 to 0.11) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 74 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.5 (-42 to 61) | 0.72 | 0.82 | 0.21 (-0.91 to 1.3) | 0.71 | 0.95 |
| mean_APexc_mean | -102 (-999 to 795) | 0.82 | 0.82 | -0.32 (-20 to 19) | 0.97 | 0.97 |
| group_char | | 0.033 | 0.065 | | 0.010 | 0.019 |
| H1000's | — | | | — | | |
| H2000's | -30 (-105 to 45) | | | 2.5 (0.83 to 4.2) | | |
| H3000's | 58 (-8.4 to 124) | | | 0.59 (-0.91 to 2.1) | | |
| mean_APexc_mean * group_char | | 0.029 | 0.065 | | 0.001 | 0.005 |
| mean_APexc_mean * H2000's | 343 (-1,134 to 1,820) | | | -57 (-90 to -25) | | |
| mean_APexc_mean * H3000's | -1,491 (-2,817 to -165) | | | -5.8 (-35 to 24) | | |
| subj_char.sd___(Intercept) | 4.0 (NA to NA) | | | 0.64 (NA to NA) | | |
| Residual.sd___Observation | 75 (NA to NA) | | | 1.5 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -2.5 (-44 to 39) | 0.91 | 0.91 | 0.20 (-0.80 to 1.2) | 0.70 | 0.93 |
| mean_MLexc_COV | 0.43 (-2.2 to 3.1) | 0.75 | 0.91 | 0.00 (-0.06 to 0.06) | >0.99 | >0.99 |
| group_char | | 0.095 | 0.27 | | 0.19 | 0.40 |
| H1000's | — | | | — | | |
| H2000's | -25 (-92 to 41) | | | -1.3 (-2.9 to 0.23) | | |
| H3000's | 52 (-13 to 117) | | | -0.06 (-1.6 to 1.5) | | |
| mean_MLexc_COV * group_char | | 0.14 | 0.27 | | 0.20 | 0.40 |
| mean_MLexc_COV * H2000's | 0.89 (-3.6 to 5.4) | | | 0.09 (-0.01 to 0.20) | | |
| mean_MLexc_COV * H3000's | -3.6 (-7.9 to 0.62) | | | 0.03 (-0.07 to 0.13) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 19 (-23 to 62) | 0.37 | 0.45 | 0.22 (-0.76 to 1.2) | 0.66 | 0.88 |
| mean_MLexc_mean | -194 (-691 to 304) | 0.45 | 0.45 | -0.31 (-12 to 11) | 0.96 | 0.96 |
| group_char | | 0.022 | 0.061 | | 0.022 | 0.045 |
| H1000's | — | | | — | | |
| H2000's | -33 (-96 to 29) | | | 1.8 (0.42 to 3.2) | | |
| H3000's | 50 (-8.3 to 108) | | | 0.24 (-1.1 to 1.6) | | |
| mean_MLexc_mean * group_char | | 0.030 | 0.061 | | 0.003 | 0.012 |
| mean_MLexc_mean * H2000's | 239 (-451 to 928) | | | -21 (-37 to -6.1) | | |
| mean_MLexc_mean * H3000's | -604 (-1,267 to 60) | | | 1.6 (-14 to 17) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.60 (NA to NA) | | |
| Residual.sd___Observation | 75 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 15 (-30 to 59) | 0.52 | 0.86 | 0.21 (-0.73 to 1.1) | 0.66 | 0.88 |
| mean_StepDur | -12 (-58 to 34) | 0.62 | 0.86 | -0.01 (-0.96 to 0.93) | 0.98 | 0.98 |
| group_char | | 0.67 | 0.86 | | 0.006 | 0.013 |
| H1000's | — | | | — | | |
| H2000's | -35 (-112 to 42) | | | 2.7 (1.0 to 4.3) | | |
| H3000's | -9.1 (-86 to 68) | | | 0.56 (-1.1 to 2.2) | | |
| mean_StepDur * group_char | | 0.86 | 0.86 | | 0.001 | 0.005 |
| mean_StepDur * H2000's | 26 (-67 to 118) | | | -3.6 (-5.5 to -1.6) | | |
| mean_StepDur * H3000's | 9.6 (-91 to 110) | | | -0.29 (-2.4 to 1.9) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.60 (NA to NA) | | |
| Residual.sd___Observation | 77 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.1 (-26 to 44) | 0.61 | 0.75 | 0.21 (-0.60 to 1.0) | 0.61 | 0.81 |
| mean_UDexc_COV | -0.42 (-3.0 to 2.2) | 0.75 | 0.75 | 0.00 (-0.06 to 0.06) | 0.96 | 0.96 |
| group_char | | 0.002 | 0.005 | | 0.53 | 0.81 |
| H1000's | — | | | — | | |
| H2000's | -28 (-83 to 28) | | | 0.69 (-0.59 to 2.0) | | |
| H3000's | 80 (24 to 137) | | | 0.51 (-0.80 to 1.8) | | |
| mean_UDexc_COV * group_char | | 0.002 | 0.005 | | 0.45 | 0.81 |
| mean_UDexc_COV * H2000's | 1.0 (-2.8 to 4.9) | | | -0.05 (-0.14 to 0.03) | | |
| mean_UDexc_COV * H3000's | -5.8 (-9.8 to -1.8) | | | -0.01 (-0.10 to 0.08) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 74 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -2.5 (-46 to 41) | 0.91 | 0.91 | 0.17 (-0.81 to 1.1) | 0.74 | 0.95 |
| mean_UDexc_mean | 261 (-1,447 to 1,969) | 0.76 | 0.91 | 1.2 (-36 to 38) | 0.95 | 0.95 |
| group_char | | 0.14 | 0.38 | | 0.064 | 0.18 |
| H1000's | — | | | — | | |
| H2000's | -16 (-80 to 49) | | | -1.4 (-2.8 to 0.03) | | |
| H3000's | 47 (-16 to 110) | | | 0.21 (-1.2 to 1.6) | | |
| mean_UDexc_mean * group_char | | 0.19 | 0.38 | | 0.090 | 0.18 |
| mean_UDexc_mean * H2000's | 80 (-2,425 to 2,585) | | | 56 (2.0 to 111) | | |
| mean_UDexc_mean * H3000's | -1,955 (-4,394 to 484) | | | 6.4 (-46 to 59) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.58 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 14 (-23 to 51) | 0.46 | 0.82 | 0.21 (-0.58 to 1.0) | 0.60 | 0.80 |
| mean_StanceDur | -8.0 (-35 to 19) | 0.57 | 0.82 | -0.01 (-0.57 to 0.55) | 0.96 | 0.96 |
| group_char | | 0.61 | 0.82 | | 0.005 | 0.010 |
| H1000's | — | | | — | | |
| H2000's | -32 (-96 to 32) | | | 2.2 (0.88 to 3.6) | | |
| H3000's | -12 (-77 to 53) | | | 0.51 (-0.90 to 1.9) | | |
| mean_StanceDur * group_char | | 0.83 | 0.83 | | <0.001 | 0.002 |
| mean_StanceDur * H2000's | 16 (-39 to 71) | | | -2.2 (-3.4 to -1.1) | | |
| mean_StanceDur * H3000's | 10 (-51 to 72) | | | -0.16 (-1.4 to 1.1) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.60 (NA to NA) | | |
| Residual.sd___Observation | 77 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 15 (-30 to 59) | 0.52 | 0.86 | 0.21 (-0.73 to 1.1) | 0.66 | 0.88 |
| mean_GaitCycleDur | -5.9 (-29 to 17) | 0.61 | 0.86 | -0.01 (-0.48 to 0.47) | 0.98 | 0.98 |
| group_char | | 0.67 | 0.86 | | 0.007 | 0.013 |
| H1000's | — | | | — | | |
| H2000's | -35 (-112 to 42) | | | 2.6 (0.99 to 4.3) | | |
| H3000's | -9.4 (-87 to 68) | | | 0.55 (-1.1 to 2.2) | | |
| mean_GaitCycleDur * group_char | | 0.86 | 0.86 | | 0.001 | 0.005 |
| mean_GaitCycleDur * H2000's | 13 (-33 to 59) | | | -1.8 (-2.7 to -0.81) | | |
| mean_GaitCycleDur * H3000's | 5.0 (-45 to 55) | | | -0.14 (-1.2 to 0.94) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.60 (NA to NA) | | |
| Residual.sd___Observation | 77 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | **Theta div Beta** | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.77 (-36 to 34) | 0.97 | 0.97 | 0.18 (-0.59 to 0.95) | 0.65 | 0.86 |
| mean_PeakUpDownVel_mean | 20 (-114 to 153) | 0.77 | 0.97 | 0.07 (-2.7 to 2.9) | 0.96 | 0.96 |
| group_char | | 0.21 | 0.59 | | 0.022 | 0.052 |
| H1000's | — | | | — | | |
| H2000's | -15 (-68 to 38) | | | -1.4 (-2.5 to -0.21) | | |
| H3000's | 34 (-19 to 86) | | | 0.20 (-0.96 to 1.4) | | |
| mean_PeakUpDownVel_mean * group_char | | 0.30 | 0.59 | | 0.026 | 0.052 |
| mean_PeakUpDownVel_mean * H2000's | 4.3 (-189 to 197) | | | 5.2 (1.1 to 9.3) | | |
| mean_PeakUpDownVel_mean * H3000's | -130 (-321 to 60) | | | 0.62 (-3.4 to 4.6) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.59 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.2 (-1.4 to 20) | 0.088 | 0.27 | 1.3 (-1.0 to 3.6) | 0.28 | 0.65 |
| mean_APexc_COV | -0.26 (-0.85 to 0.33) | 0.38 | 0.38 | 0.02 (-0.11 to 0.15) | 0.81 | 0.81 |
| group_char | | 0.22 | 0.33 | | 0.43 | 0.65 |
| H1000's | — | | | — | | |
| H2000's | 0.33 (-8.3 to 9.0) | | | -1.1 (-2.9 to 0.62) | | |
| H3000's | -6.7 (-16 to 2.7) | | | -0.93 (-2.9 to 1.0) | | |
| subj_char.sd__(Intercept) | 7.6 (NA to NA) | | | 0.72 (NA to NA) | | |
| Residual.sd__Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 5.4 (-6.1 to 17) | 0.36 | 0.54 | 1.1 (-1.4 to 3.7) | 0.39 | 0.74 |
| mean_APexc_mean | -5.8 (-193 to 182) | 0.95 | 0.95 | 7.1 (-36 to 50) | 0.75 | 0.75 |
| group_char | | 0.087 | 0.26 | | 0.49 | 0.74 |
| H1000's | — | | | — | | |
| H2000's | -1.5 (-9.5 to 6.6) | | | -0.95 (-2.6 to 0.66) | | |
| H3000's | -9.0 (-17 to -0.56) | | | -0.69 (-2.4 to 1.0) | | |
| subj_char.sd__(Intercept) | 7.6 (NA to NA) | | | 0.69 (NA to NA) | | |
| Residual.sd__Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

# LME EEG ~ 1+kin+group

| Changes in | mean_MLexc_COV | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.1 (-7.9 to 12) | 0.68 | 0.68 | 1.5 (-0.63 to 3.7) | 0.16 | 0.49 |
| mean_MLexc_COV | 0.20 (-0.38 to 0.78) | 0.50 | 0.68 | 0.00 (-0.13 to 0.13) | 0.98 | 0.98 |
| group_char | | 0.081 | 0.24 | | 0.37 | 0.56 |
| H1000's | — | | | — | | |
| H2000's | -1.2 (-9.0 to 6.6) | | | -1.0 (-2.6 to 0.50) | | |
| H3000's | -8.8 (-17 to -0.73) | | | -0.80 (-2.4 to 0.79) | | |
| subj_char.sd__(Intercept) | 7.7 (NA to NA) | | | 0.71 (NA to NA) | | |
| Residual.sd__Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 8.6 (-0.03 to 17) | 0.051 | 0.12 | 1.3 (-0.60 to 3.2) | 0.18 | 0.55 |
| mean_MLexc_mean | -44 (-129 to 42) | 0.32 | 0.32 | 3.0 (-16 to 22) | 0.76 | 0.76 |
| group_char | | 0.078 | 0.12 | | 0.36 | 0.55 |
| H1000's | — | | | — | | |
| H2000's | -1.1 (-8.9 to 6.7) | | | -1.1 (-2.6 to 0.48) | | |
| H3000's | -8.8 (-17 to -0.78) | | | -0.80 (-2.4 to 0.78) | | |
| subj_char.sd__(Intercept) | 7.8 (NA to NA) | | | 0.72 (NA to NA) | | |
| Residual.sd__Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 7.3 (-3.3 to 18) | 0.18 | 0.27 | 1.2 (-1.3 to 3.6) | 0.35 | 0.69 |
| mean_StepDur | -2.5 (-13 to 7.7) | 0.63 | 0.63 | 0.39 (-2.0 to 2.8) | 0.75 | 0.75 |
| group_char | | 0.067 | 0.20 | | 0.46 | 0.69 |
| H1000's | — | | | — | | |
| H2000's | -1.8 (-9.7 to 6.1) | | | -0.97 (-2.5 to 0.60) | | |
| H3000's | -9.5 (-18 to -1.2) | | | -0.71 (-2.4 to 0.96) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.66 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 7.5 (-0.43 to 15) | 0.064 | 0.13 | 1.4 (-0.35 to 3.1) | 0.12 | 0.35 |
| mean_UDexc_COV | -0.20 (-0.68 to 0.29) | 0.43 | 0.43 | 0.01 (-0.10 to 0.12) | 0.86 | 0.86 |
| group_char | | 0.089 | 0.13 | | 0.37 | 0.55 |
| H1000's | — | | | — | | |
| H2000's | -1.2 (-8.9 to 6.5) | | | -1.0 (-2.6 to 0.49) | | |
| H3000's | -8.6 (-17 to -0.58) | | | -0.81 (-2.4 to 0.78) | | |
| subj_char.sd___(Intercept) | 7.5 (NA to NA) | | | 0.68 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.5 (-4.0 to 13) | 0.30 | 0.44 | 1.6 (-0.22 to 3.5) | 0.084 | 0.25 |
| mean_UDexc_mean | 23 (-263 to 310) | 0.87 | 0.87 | -4.7 (-71 to 61) | 0.89 | 0.89 |
| group_char | | 0.074 | 0.22 | | 0.37 | 0.56 |
| H1000's | — | | | — | | |
| H2000's | -1.4 (-9.1 to 6.3) | | | -1.0 (-2.6 to 0.49) | | |
| H3000's | -9.0 (-17 to -0.95) | | | -0.79 (-2.4 to 0.80) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.69 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 6.1 (-3.1 to 15) | 0.19 | 0.29 | 1.3 (-0.79 to 3.3) | 0.23 | 0.66 |
| mean_StanceDur | -0.80 (-6.8 to 5.2) | 0.79 | 0.79 | 0.20 (-1.2 to 1.6) | 0.78 | 0.78 |
| group_char | | 0.074 | 0.22 | | 0.44 | 0.66 |
| H1000's | — | | | — | | |
| H2000's | -1.6 (-9.4 to 6.3) | | | -0.99 (-2.5 to 0.57) | | |
| H3000's | -9.2 (-17 to -0.96) | | | -0.73 (-2.4 to 0.91) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.66 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 7.3 (-3.3 to 18) | 0.18 | 0.27 | 1.2 (-1.3 to 3.6) | 0.35 | 0.69 |
| mean_GaitCycleDur | -1.2 (-6.3 to 3.9) | 0.64 | 0.64 | 0.20 (-1.0 to 1.4) | 0.75 | 0.75 |
| group_char | | 0.067 | 0.20 | | 0.46 | 0.69 |
| H1000's | — | | | — | | |
| H2000's | -1.8 (-9.7 to 6.1) | | | -0.97 (-2.5 to 0.61) | | |
| H3000's | -9.5 (-18 to -1.2) | | | -0.71 (-2.4 to 0.97) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.66 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 9 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.9 (-3.4 to 11) | 0.30 | 0.45 | 1.6 (0.03 to 3.2) | 0.046 | 0.14 |
| mean_PeakUpDownVel_mean | 5.2 (-17 to 28) | 0.65 | 0.65 | -0.41 (-5.7 to 4.9) | 0.88 | 0.88 |
| group_char | | 0.069 | 0.21 | | 0.38 | 0.58 |
| H1000's | — | | | — | | |
| H2000's | -1.5 (-9.3 to 6.2) | | | -1.0 (-2.6 to 0.51) | | |
| H3000's | -9.1 (-17 to -1.1) | | | -0.78 (-2.4 to 0.82) | | |
| subj_char.sd___(Intercept) | 7.6 (NA to NA) | | | 0.68 (NA to NA) | | |
| Residual.sd___Observation | 20 (NA to NA) | | | 4.8 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.8 (-0.90 to 6.4) | 0.14 | 0.42 | 5.4 (0.56 to 10) | 0.029 | 0.086 |
| mean_APexc_COV | -0.05 (-0.24 to 0.15) | 0.64 | 0.96 | -0.06 (-0.33 to 0.20) | 0.64 | 0.64 |
| group_char | | >0.99 | >0.99 | | 0.17 | 0.25 |
| H1000's | — | | | — | | |
| H2000's | -0.18 (-3.5 to 3.2) | | | -3.8 (-7.8 to 0.19) | | |
| H3000's | -0.04 (-3.8 to 3.7) | | | -3.0 (-7.6 to 1.5) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.2 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.45 (-3.6 to 4.5) | 0.83 | 0.99 | 3.9 (-1.7 to 9.4) | 0.17 | 0.26 |
| mean_APexc_mean | 30 (-34 to 93) | 0.37 | 0.99 | 9.9 (-83 to 103) | 0.83 | 0.83 |
| group_char | | 0.99 | 0.99 | | 0.067 | 0.20 |
| H1000's | — | | | — | | |
| H2000's | -0.21 (-3.4 to 3.0) | | | -4.1 (-7.8 to -0.47) | | |
| H3000's | 0.02 (-3.5 to 3.5) | | | -3.5 (-7.6 to 0.63) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.1 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.8 (1.2 to 8.5) | 0.009 | 0.027 | 2.2 (-2.6 to 7.0) | 0.37 | 0.37 |
| mean_MLexc_COV | -0.20 (-0.40 to 0.01) | 0.065 | 0.10 | 0.15 (-0.14 to 0.45) | 0.30 | 0.37 |
| group_char | | 0.92 | 0.92 | | 0.045 | 0.14 |
| H1000's | — | | | — | | |
| H2000's | -0.55 (-3.7 to 2.6) | | | -4.2 (-7.7 to -0.61) | | |
| H3000's | -0.57 (-3.9 to 2.8) | | | -3.6 (-7.4 to 0.24) | | |
| subj_char.sd__(Intercept) | 3.9 (NA to NA) | | | 2.1 (NA to NA) | | |
| Residual.sd__Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.28 (-2.9 to 3.4) | 0.86 | 0.91 | 4.9 (0.74 to 9.0) | 0.021 | 0.062 |
| mean_MLexc_mean | 22 (-7.0 to 50) | 0.14 | 0.42 | -6.2 (-48 to 35) | 0.77 | 0.77 |
| group_char | | 0.91 | 0.91 | | 0.046 | 0.069 |
| H1000's | — | | | — | | |
| H2000's | -0.69 (-3.9 to 2.5) | | | -4.2 (-7.8 to -0.56) | | |
| H3000's | -0.48 (-3.8 to 2.9) | | | -3.6 (-7.5 to 0.19) | | |
| subj_char.sd__(Intercept) | 4.0 (NA to NA) | | | 2.2 (NA to NA) | | |
| Residual.sd__Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.33 (-4.2 to 3.6) | 0.87 | 0.99 | 6.9 (1.4 to 13) | 0.015 | 0.040 |
| mean_StepDur | 2.6 (-1.0 to 6.2) | 0.16 | 0.48 | -2.8 (-8.3 to 2.7) | 0.32 | 0.32 |
| group_char | | 0.99 | 0.99 | | 0.027 | 0.040 |
| H1000's | — | | | — | | |
| H2000's | -0.08 (-3.2 to 3.1) | | | -4.6 (-8.3 to -0.96) | | |
| H3000's | 0.18 (-3.3 to 3.6) | | | -4.3 (-8.4 to -0.26) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd___Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.10 (-3.1 to 2.9) | 0.95 | 0.95 | 5.2 (1.1 to 9.3) | 0.013 | 0.038 |
| mean_UDexc_COV | 0.17 (-0.01 to 0.36) | 0.058 | 0.17 | -0.07 (-0.34 to 0.20) | 0.62 | 0.62 |
| group_char | | 0.89 | 0.95 | | 0.049 | 0.074 |
| H1000's | — | | | — | | |
| H2000's | -0.69 (-3.8 to 2.4) | | | -4.1 (-7.7 to -0.54) | | |
| H3000's | -0.63 (-3.9 to 2.7) | | | -3.6 (-7.4 to 0.26) | | |
| subj_char.sd___(Intercept) | 3.8 (NA to NA) | | | 2.2 (NA to NA) | | |
| Residual.sd___Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.9 (-0.27 to 6.2) | 0.073 | 0.22 | 2.6 (-1.8 to 7.0) | 0.24 | 0.35 |
| mean_UDexc_mean | -38 (-143 to 66) | 0.47 | 0.71 | 75 (-83 to 232) | 0.35 | 0.35 |
| group_char | | 0.95 | 0.95 | | 0.038 | 0.11 |
| H1000's | — | | | — | | |
| H2000's | -0.43 (-3.6 to 2.7) | | | -4.3 (-7.9 to -0.75) | | |
| H3000's | -0.48 (-3.8 to 2.9) | | | -3.6 (-7.4 to 0.18) | | |
| subj_char.sd__(Intercept) | 3.9 (NA to NA) | | | 2.1 (NA to NA) | | |
| Residual.sd__Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.15 (-3.5 to 3.2) | 0.93 | >0.99 | 6.8 (2.0 to 12) | 0.005 | 0.016 |
| mean_StanceDur | 1.8 (-0.38 to 3.9) | 0.11 | 0.32 | -1.9 (-5.2 to 1.4) | 0.26 | 0.26 |
| group_char | | >0.99 | >0.99 | | 0.025 | 0.037 |
| H1000's | — | | | — | | |
| H2000's | -0.10 (-3.2 to 3.0) | | | -4.6 (-8.3 to -0.97) | | |
| H3000's | 0.14 (-3.3 to 3.5) | | | -4.3 (-8.3 to -0.30) | | |
| subj_char.sd__(Intercept) | 3.9 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd__Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -0.32 (-4.2 to 3.6) | 0.87 | 0.99 | 6.9 (1.3 to 13) | 0.015 | 0.040 |
| mean_GaitCycleDur | 1.3 (-0.51 to 3.1) | 0.16 | 0.48 | -1.4 (-4.2 to 1.4) | 0.33 | 0.33 |
| group_char | | 0.99 | 0.99 | | 0.027 | 0.040 |
| H1000's | — | | | — | | |
| H2000's | -0.09 (-3.2 to 3.1) | | | -4.6 (-8.3 to -0.95) | | |
| H3000's | 0.18 (-3.3 to 3.6) | | | -4.3 (-8.4 to -0.25) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.3 (NA to NA) | | |
| Residual.sd___Observation | 7.2 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 10 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.8 (0.05 to 5.6) | 0.046 | 0.14 | 2.9 (-0.79 to 6.6) | 0.12 | 0.19 |
| mean_PeakUpDownVel_mean | -3.4 (-11 to 4.6) | 0.41 | 0.61 | 6.4 (-5.8 to 19) | 0.30 | 0.30 |
| group_char | | 0.96 | 0.96 | | 0.031 | 0.094 |
| H1000's | — | | | — | | |
| H2000's | -0.38 (-3.5 to 2.7) | | | -4.4 (-8.0 to -0.83) | | |
| H3000's | -0.37 (-3.7 to 3.0) | | | -3.8 (-7.7 to -0.01) | | |
| subj_char.sd___(Intercept) | 3.9 (NA to NA) | | | 2.1 (NA to NA) | | |
| Residual.sd___Observation | 7.3 (NA to NA) | | | 11 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.0 (-1.5 to 19) | 0.094 | 0.16 | 0.54 (-2.4 to 3.5) | 0.72 | 0.96 |
| mean_APexc_COV | -0.45 (-1.0 to 0.10) | 0.11 | 0.16 | 0.00 (-0.16 to 0.15) | 0.96 | 0.96 |
| group_char | | 0.96 | 0.96 | | 0.10 | 0.31 |
| H1000's | — | | | — | | |
| H2000's | 1.3 (-8.5 to 11) | | | -1.2 (-4.0 to 1.6) | | |
| H3000's | 1.4 (-9.3 to 12) | | | 1.8 (-1.2 to 4.9) | | |
| subj_char.sd__(Intercept) | 8.7 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.6 (-10 to 14) | 0.79 | 0.94 | 3.0 (-0.26 to 6.2) | 0.071 | 0.10 |
| mean_APexc_mean | 6.7 (-183 to 196) | 0.94 | 0.94 | -47 (-98 to 4.8) | 0.076 | 0.10 |
| group_char | | 0.76 | 0.94 | | 0.10 | 0.10 |
| H1000's | — | | | — | | |
| H2000's | -1.4 (-11 to 8.0) | | | -1.6 (-4.2 to 1.0) | | |
| H3000's | -3.5 (-13 to 5.7) | | | 1.3 (-1.3 to 3.8) | | |
| subj_char.sd__(Intercept) | 8.7 (NA to NA) | | | 2.5 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.5 (-8.6 to 14) | 0.66 | 0.91 | -1.3 (-4.3 to 1.8) | 0.41 | 0.41 |
| mean_MLexc_COV | -0.04 (-0.65 to 0.58) | 0.91 | 0.91 | 0.12 (-0.05 to 0.29) | 0.17 | 0.26 |
| group_char | | 0.74 | 0.91 | | 0.10 | 0.26 |
| H1000's | — | | | — | | |
| H2000's | -1.5 (-11 to 7.8) | | | -1.1 (-3.7 to 1.6) | | |
| H3000's | -3.6 (-12 to 5.4) | | | 1.8 (-0.69 to 4.3) | | |
| subj_char.sd__(Intercept) | 8.8 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.4 (-6.4 to 11) | 0.59 | 0.89 | 1.1 (-1.3 to 3.6) | 0.37 | 0.47 |
| mean_MLexc_mean | -6.2 (-94 to 81) | 0.89 | 0.89 | -8.9 (-33 to 15) | 0.47 | 0.47 |
| group_char | | 0.76 | 0.89 | | 0.081 | 0.24 |
| H1000's | — | | | — | | |
| H2000's | -1.3 (-11 to 8.1) | | | -1.1 (-3.7 to 1.6) | | |
| H3000's | -3.4 (-12 to 5.6) | | | 1.9 (-0.61 to 4.5) | | |
| subj_char.sd__(Intercept) | 8.7 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd__Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.60 (-11 to 12) | 0.92 | 0.92 | 2.3 (-0.91 to 5.5) | 0.16 | 0.19 |
| mean_StepDur | 1.5 (-9.5 to 12) | 0.79 | 0.92 | -2.0 (-5.0 to 0.97) | 0.19 | 0.19 |
| group_char | | 0.79 | 0.92 | | 0.11 | 0.19 |
| H1000's | — | | | — | | |
| H2000's | -1.2 (-11 to 8.2) | | | -1.5 (-4.2 to 1.1) | | |
| H3000's | -3.2 (-12 to 6.0) | | | 1.3 (-1.2 to 3.9) | | |
| subj_char.sd___(Intercept) | 8.7 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 2.3 (-6.6 to 11) | 0.61 | 0.93 | 1.1 (-1.4 to 3.6) | 0.38 | 0.49 |
| mean_UDexc_COV | -0.03 (-0.57 to 0.52) | 0.93 | 0.93 | -0.05 (-0.20 to 0.09) | 0.49 | 0.49 |
| group_char | | 0.75 | 0.93 | | 0.075 | 0.23 |
| H1000's | — | | | — | | |
| H2000's | -1.4 (-11 to 7.9) | | | -1.2 (-3.8 to 1.4) | | |
| H3000's | -3.5 (-12 to 5.5) | | | 1.9 (-0.63 to 4.4) | | |
| subj_char.sd___(Intercept) | 8.7 (NA to NA) | | | 2.5 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 3.3 (-6.5 to 13) | 0.51 | 0.74 | -0.09 (-2.8 to 2.6) | 0.95 | 0.95 |
| mean_UDexc_mean | -55 (-371 to 261) | 0.73 | 0.74 | 24 (-62 to 109) | 0.59 | 0.89 |
| group_char | | 0.74 | 0.74 | | 0.084 | 0.25 |
| H1000's | — | | | — | | |
| H2000's | -1.4 (-11 to 7.8) | | | -1.2 (-3.8 to 1.4) | | |
| H3000's | -3.5 (-12 to 5.4) | | | 1.8 (-0.74 to 4.3) | | |
| subj_char.sd___(Intercept) | 8.7 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.93 (-9.4 to 11) | 0.86 | 0.86 | 2.0 (-0.83 to 4.8) | 0.17 | 0.19 |
| mean_StanceDur | 0.84 (-5.8 to 7.5) | 0.80 | 0.86 | -1.2 (-3.0 to 0.58) | 0.19 | 0.19 |
| group_char | | 0.78 | 0.86 | | 0.10 | 0.19 |
| H1000's | — | | | — | | |
| H2000's | -1.2 (-11 to 8.1) | | | -1.5 (-4.1 to 1.1) | | |
| H3000's | -3.3 (-12 to 5.8) | | | 1.4 (-1.1 to 4.0) | | |
| subj_char.sd___(Intercept) | 8.7 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.62 (-11 to 12) | 0.92 | 0.92 | 2.3 (-0.90 to 5.5) | 0.16 | 0.19 |
| mean_GaitCycleDur | 0.74 (-4.7 to 6.2) | 0.79 | 0.92 | -1.0 (-2.5 to 0.48) | 0.19 | 0.19 |
| group_char | | 0.79 | 0.92 | | 0.11 | 0.19 |
| H1000's | — | | | — | | |
| H2000's | -1.2 (-11 to 8.2) | | | -1.5 (-4.2 to 1.1) | | |
| H3000's | -3.2 (-12 to 6.0) | | | 1.3 (-1.2 to 3.9) | | |
| subj_char.sd___(Intercept) | 8.7 (NA to NA) | | | 2.6 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 11 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.9 (-6.5 to 10) | 0.66 | 0.98 | -0.33 (-2.6 to 2.0) | 0.78 | 0.78 |
| mean_PeakUpDownVel_mean | 0.34 (-24 to 24) | 0.98 | 0.98 | 3.4 (-3.2 to 9.9) | 0.31 | 0.47 |
| group_char | | 0.74 | 0.98 | | 0.085 | 0.25 |
| H1000's | — | | | — | | |
| H2000's | -1.4 (-11 to 7.8) | | | -1.3 (-3.9 to 1.3) | | |
| H3000's | -3.5 (-12 to 5.4) | | | 1.7 (-0.79 to 4.2) | | |
| subj_char.sd___(Intercept) | 8.7 (NA to NA) | | | 2.5 (NA to NA) | | |
| Residual.sd___Observation | 19 (NA to NA) | | | 5.1 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 4.7 (-7.5 to 17) | 0.45 | 0.68 | -1.5 (-13 to 9.7) | 0.79 | 0.82 |
| mean_APexc_COV | -0.07 (-0.70 to 0.55) | 0.82 | 0.82 | 0.14 (-0.40 to 0.69) | 0.60 | 0.82 |
| group_char | | 0.012 | 0.037 | | 0.82 | 0.82 |
| H1000's | — | | | — | | |
| H2000's | -10 (-21 to 0.56) | | | -1.6 (-13 to 9.4) | | |
| H3000's | 5.6 (-5.0 to 16) | | | -3.5 (-14 to 7.2) | | |
| subj_char.sd___(Intercept) | 6.6 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 18 (3.8 to 32) | 0.012 | 0.019 | -2.4 (-15 to 9.8) | 0.70 | 0.95 |
| mean_APexc_mean | -265 (-497 to -34) | 0.024 | 0.024 | 62 (-130 to 254) | 0.53 | 0.95 |
| group_char | | 0.007 | 0.019 | | 0.95 | 0.95 |
| H1000's | — | | | — | | |
| H2000's | -14 (-24 to -3.2) | | | -0.15 (-11 to 11) | | |
| H3000's | 1.8 (-7.6 to 11) | | | -1.5 (-11 to 8.3) | | |
| subj_char.sd___(Intercept) | 6.6 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 1.4 (-11 to 14) | 0.83 | 0.83 | 2.3 (-9.4 to 14) | 0.70 | 0.90 |
| mean_MLexc_COV | 0.14 (-0.63 to 0.92) | 0.72 | 0.83 | -0.10 (-0.76 to 0.56) | 0.77 | 0.90 |
| group_char | | 0.014 | 0.042 | | 0.90 | 0.90 |
| H1000's | — | | | — | | |
| H2000's | -10 (-20 to -0.05) | | | -1.1 (-12 to 9.7) | | |
| H3000's | 5.0 (-4.1 to 14) | | | -2.2 (-12 to 7.4) | | |
| subj_char.sd__(Intercept) | 6.5 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd__Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 13 (2.8 to 24) | 0.013 | 0.020 | 2.9 (-6.8 to 13) | 0.56 | 0.86 |
| mean_MLexc_mean | -122 (-224 to -19) | 0.020 | 0.020 | -25 (-112 to 62) | 0.57 | 0.86 |
| group_char | | 0.013 | 0.020 | | 0.91 | 0.91 |
| H1000's | — | | | — | | |
| H2000's | -9.7 (-20 to 0.55) | | | -0.72 (-11 to 9.9) | | |
| H3000's | 5.8 (-3.4 to 15) | | | -2.0 (-12 to 7.5) | | |
| subj_char.sd__(Intercept) | 7.2 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd__Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 16 (2.3 to 31) | 0.023 | 0.034 | 1.0 (-11 to 13) | 0.87 | 0.98 |
| mean_StepDur | -14 (-28 to -0.32) | 0.045 | 0.045 | -0.16 (-11 to 11) | 0.98 | 0.98 |
| group_char | | 0.011 | 0.033 | | 0.90 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | -13 (-23 to -2.5) | | | -0.91 (-12 to 9.9) | | |
| H3000's | 1.9 (-7.6 to 11) | | | -2.2 (-12 to 7.6) | | |
| subj_char.sd___(Intercept) | 6.6 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 13 (2.7 to 23) | 0.014 | 0.020 | -0.12 (-9.6 to 9.3) | 0.98 | 0.98 |
| mean_UDexc_COV | -0.75 (-1.4 to -0.11) | 0.022 | 0.022 | 0.08 (-0.45 to 0.61) | 0.78 | 0.98 |
| group_char | | 0.012 | 0.020 | | 0.90 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | -10 (-20 to 0.03) | | | -0.93 (-12 to 9.8) | | |
| H3000's | 5.4 (-3.7 to 14) | | | -2.3 (-12 to 7.4) | | |
| subj_char.sd___(Intercept) | 6.7 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -7.7 (-18 to 2.8) | 0.15 | 0.15 | 0.44 (-9.2 to 10) | 0.93 | 0.93 |
| mean_UDexc_mean | 495 (127 to 863) | 0.008 | 0.023 | 18 (-286 to 323) | 0.91 | 0.93 |
| group_char | | 0.016 | 0.023 | | 0.90 | 0.93 |
| H1000's | — | | | — | | |
| H2000's | -11 (-22 to -1.2) | | | -0.92 (-12 to 9.8) | | |
| H3000's | 3.4 (-5.9 to 13) | | | -2.3 (-12 to 7.4) | | |
| subj_char.sd___(Intercept) | 7.4 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 13 (1.1 to 26) | 0.032 | 0.049 | 1.1 (-9.6 to 12) | 0.83 | 0.94 |
| mean_StanceDur | -8.0 (-16 to 0.47) | 0.064 | 0.064 | -0.24 (-7.0 to 6.5) | 0.94 | 0.94 |
| group_char | | 0.012 | 0.035 | | 0.90 | 0.94 |
| H1000's | — | | | — | | |
| H2000's | -12 (-23 to -2.1) | | | -0.94 (-12 to 9.8) | | |
| H3000's | 2.6 (-6.9 to 12) | | | -2.3 (-12 to 7.5) | | |
| subj_char.sd___(Intercept) | 6.7 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 17 (2.4 to 31) | 0.022 | 0.033 | 1.0 (-11 to 13) | 0.87 | 0.98 |
| mean_GaitCycleDur | -7.2 (-14 to -0.21) | 0.044 | 0.044 | -0.08 (-5.7 to 5.6) | 0.98 | 0.98 |
| group_char | | 0.011 | 0.033 | | 0.90 | 0.98 |
| H1000's | — | | | — | | |
| H2000's | -13 (-23 to -2.5) | | | -0.91 (-12 to 9.9) | | |
| H3000's | 1.9 (-7.6 to 11) | | | -2.3 (-12 to 7.6) | | |
| subj_char.sd___(Intercept) | 6.6 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 12 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -6.8 (-16 to 2.0) | 0.13 | 0.13 | 0.89 (-7.6 to 9.4) | 0.84 | 0.99 |
| mean_PeakUpDownVel_mean | 45 (18 to 72) | 0.001 | 0.004 | -0.20 (-23 to 22) | 0.99 | 0.99 |
| group_char | | 0.012 | 0.018 | | 0.90 | 0.99 |
| H1000's | — | | | — | | |
| H2000's | -12 (-22 to -1.9) | | | -0.88 (-12 to 9.8) | | |
| H3000's | 2.9 (-6.2 to 12) | | | -2.2 (-12 to 7.4) | | |
| subj_char.sd___(Intercept) | 6.7 (NA to NA) | | | 11 (NA to NA) | | |
| Residual.sd___Observation | 23 (NA to NA) | | | 18 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -5.2 (-19 to 8.5) | 0.46 | 0.54 | 2.7 (-5.0 to 10) | 0.49 | 0.51 |
| mean_APexc_COV | 0.23 (-0.51 to 0.98) | 0.54 | 0.54 | -0.14 (-0.56 to 0.28) | 0.51 | 0.51 |
| group_char | | 0.49 | 0.54 | | 0.31 | 0.51 |
| H1000's | — | | | — | | |
| H2000's | -7.9 (-21 to 5.3) | | | -0.76 (-8.1 to 6.6) | | |
| H3000's | -2.0 (-14 to 10) | | | 4.5 (-2.4 to 11) | | |
| subj_char.sd__(Intercept) | 7.1 (NA to NA) | | | 3.6 (NA to NA) | | |
| Residual.sd__Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -7.5 (-22 to 7.6) | 0.33 | 0.52 | -1.1 (-9.6 to 7.5) | 0.81 | 0.81 |
| mean_APexc_mean | 112 (-142 to 365) | 0.39 | 0.52 | 27 (-118 to 172) | 0.71 | 0.81 |
| group_char | | 0.52 | 0.52 | | 0.36 | 0.81 |
| H1000's | — | | | — | | |
| H2000's | -5.7 (-18 to 6.8) | | | -1.4 (-8.4 to 5.6) | | |
| H3000's | 2.0 (-8.5 to 13) | | | 3.5 (-2.4 to 9.4) | | |
| subj_char.sd__(Intercept) | 7.1 (NA to NA) | | | 3.6 (NA to NA) | | |
| Residual.sd__Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 0.11 (-14 to 14) | 0.99 | 0.99 | -0.86 (-8.7 to 7.0) | 0.83 | 0.83 |
| mean_MLexc_COV | -0.10 (-0.93 to 0.73) | 0.81 | 0.99 | 0.08 (-0.38 to 0.55) | 0.73 | 0.83 |
| group_char | | 0.54 | 0.99 | | 0.37 | 0.83 |
| H1000's | — | | | — | | |
| H2000's | -6.6 (-19 to 5.9) | | | -1.5 (-8.4 to 5.4) | | |
| H3000's | 0.17 (-9.7 to 10) | | | 3.2 (-2.3 to 8.7) | | |
| subj_char.sd___(Intercept) | 7.3 (NA to NA) | | | 3.6 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -7.0 (-18 to 4.1) | 0.22 | 0.36 | -0.78 (-7.1 to 5.5) | 0.81 | 0.81 |
| mean_MLexc_mean | 70 (-47 to 188) | 0.24 | 0.36 | 15 (-52 to 82) | 0.67 | 0.81 |
| group_char | | 0.49 | 0.49 | | 0.38 | 0.81 |
| H1000's | — | | | — | | |
| H2000's | -7.2 (-19 to 5.1) | | | -1.7 (-8.6 to 5.2) | | |
| H3000's | -0.16 (-9.8 to 9.5) | | | 3.0 (-2.4 to 8.5) | | |
| subj_char.sd___(Intercept) | 6.6 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -2.8 (-17 to 12) | 0.71 | 0.84 | -2.4 (-11 to 5.9) | 0.57 | 0.57 |
| mean_StepDur | 1.5 (-13 to 16) | 0.84 | 0.84 | 3.1 (-5.4 to 12) | 0.47 | 0.57 |
| group_char | | 0.55 | 0.84 | | 0.31 | 0.57 |
| H1000's | — | | | — | | |
| H2000's | -6.3 (-19 to 6.2) | | | -1.2 (-8.1 to 5.8) | | |
| H3000's | 0.62 (-9.7 to 11) | | | 3.8 (-1.9 to 9.6) | | |
| subj_char.sd___(Intercept) | 7.0 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -1.4 (-12 to 9.5) | 0.80 | >0.99 | -0.71 (-6.9 to 5.5) | 0.82 | 0.82 |
| mean_UDexc_COV | 0.00 (-0.69 to 0.69) | >0.99 | >0.99 | 0.08 (-0.31 to 0.48) | 0.68 | 0.82 |
| group_char | | 0.54 | >0.99 | | 0.39 | 0.82 |
| H1000's | — | | | — | | |
| H2000's | -6.5 (-19 to 5.9) | | | -1.7 (-8.6 to 5.2) | | |
| H3000's | 0.26 (-9.5 to 10) | | | 3.0 (-2.5 to 8.5) | | |
| subj_char.sd___(Intercept) | 7.1 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -1.3 (-13 to 11) | 0.83 | 0.99 | 1.8 (-5.0 to 8.5) | 0.61 | 0.65 |
| mean_UDexc_mean | -3.1 (-434 to 428) | 0.99 | 0.99 | -58 (-303 to 188) | 0.65 | 0.65 |
| group_char | | 0.54 | 0.99 | | 0.37 | 0.65 |
| H1000's | — | | | — | | |
| H2000's | -6.5 (-19 to 5.9) | | | -1.6 (-8.5 to 5.3) | | |
| H3000's | 0.27 (-9.5 to 10) | | | 3.2 (-2.3 to 8.6) | | |
| subj_char.sd__(Intercept) | 7.1 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd__Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -2.3 (-15 to 10) | 0.71 | 0.86 | -2.0 (-9.1 to 5.0) | 0.57 | 0.57 |
| mean_StanceDur | 0.76 (-8.0 to 9.6) | 0.86 | 0.86 | 2.0 (-3.0 to 7.0) | 0.44 | 0.57 |
| group_char | | 0.54 | 0.86 | | 0.31 | 0.57 |
| H1000's | — | | | — | | |
| H2000's | -6.4 (-19 to 6.1) | | | -1.2 (-8.2 to 5.7) | | |
| H3000's | 0.51 (-9.6 to 11) | | | 3.7 (-1.9 to 9.4) | | |
| subj_char.sd__(Intercept) | 7.0 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd__Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -2.8 (-17 to 12) | 0.71 | 0.84 | -2.4 (-11 to 5.9) | 0.57 | 0.57 |
| mean_GaitCycleDur | 0.77 (-6.6 to 8.1) | 0.84 | 0.84 | 1.6 (-2.7 to 5.8) | 0.47 | 0.57 |
| group_char | | 0.55 | 0.84 | | 0.31 | 0.57 |
| H1000's | — | | | — | | |
| H2000's | -6.3 (-19 to 6.2) | | | -1.2 (-8.1 to 5.8) | | |
| H3000's | 0.63 (-9.7 to 11) | | | 3.8 (-1.9 to 9.6) | | |
| subj_char.sd___(Intercept) | 7.0 (NA to NA) | | | 3.5 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 13 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | -1.1 (-11 to 8.9) | 0.83 | 0.93 | 2.3 (-3.3 to 7.9) | 0.42 | 0.42 |
| mean_PeakUpDownVel_mean | -1.4 (-35 to 32) | 0.93 | 0.93 | -8.2 (-27 to 11) | 0.40 | 0.42 |
| group_char | | 0.54 | 0.93 | | 0.33 | 0.42 |
| H1000's | — | | | — | | |
| H2000's | -6.5 (-19 to 5.9) | | | -1.4 (-8.3 to 5.4) | | |
| H3000's | 0.32 (-9.5 to 10) | | | 3.5 (-2.0 to 8.9) | | |
| subj_char.sd___(Intercept) | 7.1 (NA to NA) | | | 3.4 (NA to NA) | | |
| Residual.sd___Observation | 25 (NA to NA) | | | 15 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_COV | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 37 (7.4 to 67) | 0.014 | 0.022 | 0.01 (-0.70 to 0.72) | 0.98 | 0.98 |
| mean_APexc_COV | -2.1 (-3.7 to -0.45) | 0.012 | 0.022 | 0.01 (-0.03 to 0.05) | 0.55 | 0.82 |
| group_char | | 0.22 | 0.22 | | 0.49 | 0.82 |
| H1000's | — | | | — | | |
| H2000's | -1.9 (-26 to 23) | | | -0.12 (-0.74 to 0.51) | | |
| H3000's | 18 (-7.8 to 45) | | | 0.26 (-0.40 to 0.92) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.54 (NA to NA) | | |
| Residual.sd___Observation | 75 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_APexc_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 33 (-1.8 to 68) | 0.063 | 0.11 | 1.1 (0.26 to 1.9) | 0.009 | 0.025 |
| mean_APexc_mean | -536 (-1,117 to 45) | 0.071 | 0.11 | -16 (-29 to -2.9) | 0.016 | 0.025 |
| group_char | | 0.27 | 0.27 | | 0.56 | 0.56 |
| H1000's | — | | | — | | |
| H2000's | -19 (-43 to 4.3) | | | -0.21 (-0.81 to 0.39) | | |
| H3000's | -7.9 (-32 to 16) | | | 0.13 (-0.47 to 0.73) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_COV | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 10 (-20 to 40) | 0.52 | 0.65 | -0.29 (-1.0 to 0.42) | 0.42 | 0.42 |
| mean_MLexc_COV | -0.42 (-2.2 to 1.4) | 0.65 | 0.65 | 0.03 (-0.01 to 0.07) | 0.11 | 0.34 |
| group_char | | 0.41 | 0.65 | | 0.34 | 0.42 |
| H1000's | — | | | — | | |
| H2000's | -14 (-37 to 8.7) | | | -0.02 (-0.60 to 0.57) | | |
| H3000's | -0.04 (-22 to 22) | | | 0.38 (-0.19 to 0.94) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.53 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_MLexc_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 32 (5.4 to 58) | 0.018 | 0.027 | 0.76 (0.13 to 1.4) | 0.018 | 0.039 |
| mean_MLexc_mean | -347 (-620 to -73) | 0.013 | 0.027 | -7.0 (-13 to -0.83) | 0.026 | 0.039 |
| group_char | | 0.55 | 0.55 | | 0.38 | 0.38 |
| H1000's | — | | | — | | |
| H2000's | -11 (-34 to 12) | | | 0.00 (-0.60 to 0.60) | | |
| H3000's | 0.57 (-21 to 23) | | | 0.37 (-0.21 to 0.95) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.59 (NA to NA) | | |
| Residual.sd___Observation | 75 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StepDur | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 8.4 (-28 to 44) | 0.65 | 0.79 | 0.91 (0.11 to 1.7) | 0.027 | 0.074 |
| mean_StepDur | -5.0 (-41 to 31) | 0.79 | 0.79 | -0.78 (-1.6 to 0.00) | 0.049 | 0.074 |
| group_char | | 0.42 | 0.79 | | 0.53 | 0.53 |
| H1000's | — | | | — | | |
| H2000's | -15 (-38 to 9.0) | | | -0.17 (-0.77 to 0.43) | | |
| H3000's | -1.0 (-25 to 23) | | | 0.19 (-0.41 to 0.78) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_COV | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 26 (0.92 to 51) | 0.042 | 0.063 | 0.47 (-0.12 to 1.1) | 0.12 | 0.31 |
| mean_UDexc_COV | -1.8 (-3.4 to -0.13) | 0.034 | 0.063 | -0.02 (-0.06 to 0.01) | 0.24 | 0.31 |
| group_char | | 0.47 | 0.47 | | 0.31 | 0.31 |
| H1000's | — | | | — | | |
| H2000's | -12 (-35 to 11) | | | -0.03 (-0.61 to 0.56) | | |
| H3000's | 2.4 (-20 to 25) | | | 0.39 (-0.18 to 0.96) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.54 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_UDexc_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 13 (-16 to 42) | 0.37 | 0.47 | -0.30 (-0.96 to 0.36) | 0.37 | 0.37 |
| mean_UDexc_mean | -378 (-1,396 to 640) | 0.47 | 0.47 | 20 (-1.8 to 43) | 0.071 | 0.21 |
| group_char | | 0.42 | 0.47 | | 0.33 | 0.37 |
| H1000's | — | | | — | | |
| H2000's | -14 (-37 to 9.0) | | | -0.05 (-0.63 to 0.54) | | |
| H3000's | 0.00 (-22 to 22) | | | 0.37 (-0.20 to 0.94) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_StanceDur | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 7.6 (-23 to 38) | 0.63 | 0.79 | 0.82 (0.13 to 1.5) | 0.020 | 0.052 |
| mean_StanceDur | -3.0 (-25 to 19) | 0.79 | 0.79 | -0.50 (-0.96 to -0.04) | 0.034 | 0.052 |
| group_char | | 0.42 | 0.79 | | 0.51 | 0.51 |
| H1000's | — | | | — | | |
| H2000's | -14 (-38 to 8.9) | | | -0.16 (-0.75 to 0.43) | | |
| H3000's | -0.84 (-24 to 22) | | | 0.21 (-0.38 to 0.79) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_GaitCycleDur | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 8.4 (-28 to 44) | 0.65 | 0.79 | 0.90 (0.10 to 1.7) | 0.027 | 0.075 |
| mean_GaitCycleDur | -2.5 (-21 to 16) | 0.79 | 0.79 | -0.39 (-0.78 to 0.00) | 0.050 | 0.075 |
| group_char | | 0.42 | 0.79 | | 0.53 | 0.53 |
| H1000's | — | | | — | | |
| H2000's | -15 (-38 to 9.0) | | | -0.17 (-0.77 to 0.43) | | |
| H3000's | -1.0 (-25 to 23) | | | 0.19 (-0.41 to 0.78) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing

| Changes in | mean_PeakUpDownVel_mean | for Cluster: | 14 | | | |
|---|---|---|---|---|---|---|
| | **Beta Div Theta** | | | Theta Div Beta | | |
| **Characteristic** | **Beta (95% CI)** | **p-value** | **q-value** | **Beta (95% CI)** | **p-value** | **q-value** |
| (Intercept) | 9.4 (-14 to 33) | 0.44 | 0.57 | -0.26 (-0.81 to 0.29) | 0.35 | 0.39 |
| mean_PeakUpDownVel_mean | -23 (-102 to 56) | 0.57 | 0.57 | 1.9 (0.23 to 3.6) | 0.026 | 0.077 |
| group_char | | 0.43 | 0.57 | | 0.39 | 0.39 |
| H1000's | — | | | — | | |
| H2000's | -13 (-36 to 9.5) | | | -0.09 (-0.67 to 0.50) | | |
| H3000's | 0.62 (-22 to 23) | | | 0.32 (-0.25 to 0.89) | | |
| subj_char.sd___(Intercept) | 0.00 (NA to NA) | | | 0.55 (NA to NA) | | |
| Residual.sd___Observation | 76 (NA to NA) | | | 1.6 (NA to NA) | | |

[1] CI = Confidence Interval

[2] False discovery rate correction for multiple testing