

SOMA Report



SOMA Report Details

Generated by: Chad C. Williams

Date: 2024-11-28

Inputted Parameters

Help: False

Author: Chad C. Williams

Dataset: Both pain datasets

Rscripts Path: C:/Program Files/R/R-4.4.1/bin/x64/Rscript

File Path: D:\BM_Carney_Petzschner_Lab\SOMAStudyTracking\SOMAV1\database_exports\avoid_learn_prolific

File Name: ['v1a_avoid_pain\v1a_avoid_pain.csv', 'v1b_avoid_paindepression\v1b_avoid_paindepression.csv']

Split By Group: pain

Split By Group Id: pain

Covariate: None

Depression Cutoff: 10

Rolling Mean: 5

Accuracy Exclusion Threshold: 55

Rt Low Threshold: 200

Rt High Threshold: 5000

Tests: basic

Test Rolling Mean: 5

Test Context Type: context

Hide Stats: False

Hide Posthocs: False

Load Stats: True

Verbose: True

Data Characteristics

Files: v1a_avoid_pain\v1a_avoid_pain.csv, v1b_avoid_paindepression\\v1b_avoid_paindepression.csv

Grouping

Split by Group: Pain

Column Names

participant_id, trial_type, trial_index, rt, symbol_L_name, symbol_R_name, feedback_L, feedback_R, context_val, choice_made, context_val_name, duration, group_code, intensity, unpleasant, interference, age, sex, symbol_L_value, symbol_R_value, neutral_values

Data Dimensions

Rows: 169728

Columns: 21

Number of Groups: 3

Number of Original Participants: 360

Number of Participants Excluded (Accuracy Threshold: 55%): 28

Number of Participants Remaining: 332

Percentage of Trials Excluded (RT Threshold: < 200ms or > 5000ms): 2.37%

Table 1. Demographic information for each group. Group differences reflect which groups are significantly different from the no pain group in planned follow-up tests.

	No Pain	Acute Pain	Chronic Pain	P-Value
Demographics				
Sample Size	128	87	117	
Age	33.3 (11.33)	34.7 (11.88)	40.24 (13.54)	<0.0001
Gender (F/M/N)	65 / 63 / 0	42 / 44 / 1	72 / 43 / 2	
Pain Scores				
Intensity	6.95 (8.6)	28.63 (20.65)	40.59 (22.34)	<0.0001
Unpleasant	6.12 (8.38)	30.41 (21.47)	43.44 (23.52)	<0.0001
Interference	5.68 (9.47)	30.04 (23.09)	41.62 (25.23)	<0.0001

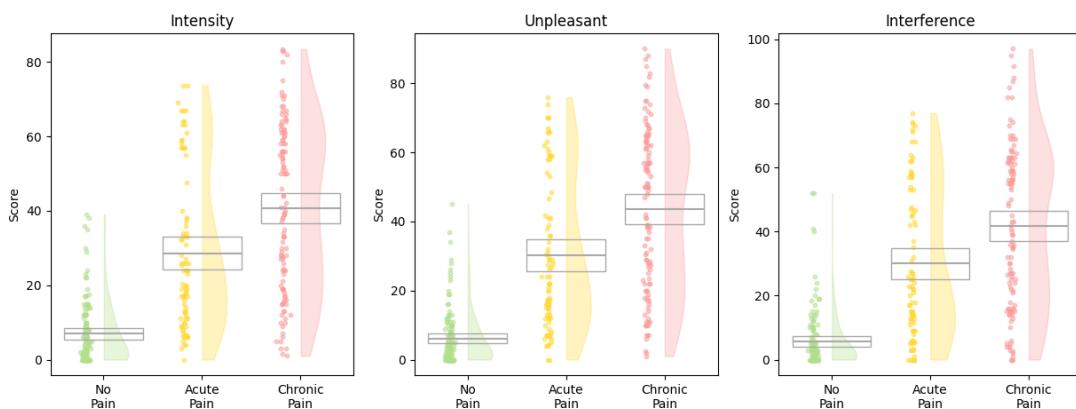


Figure 1. Pain metrics for each group. Boxplots show the mean and 95% confidence intervals of the corresponding metric for each group. Half-violin plots show the distribution of the scores of the corresponding metric for each group. Scatter points show the scores of the corresponding metric for each participant within each group.

Demographics And Clinical Scores Statistics

Age, pain intensity, pain unpleasantness, pain interference were modelled using linear regression with the following formula: $metric \sim group_code$.

Age*: $F(2, 329) = 10.53, p < 0.001$

Pain Intensity*: $F(2, 329) = 112.05, p < 0.001$

Pain Unpleasantness*: $F(2, 329) = 127.64, p < 0.001$

Pain Interference*: $F(2, 329) = 103.21, p < 0.001$

Results

Learning Accuracy

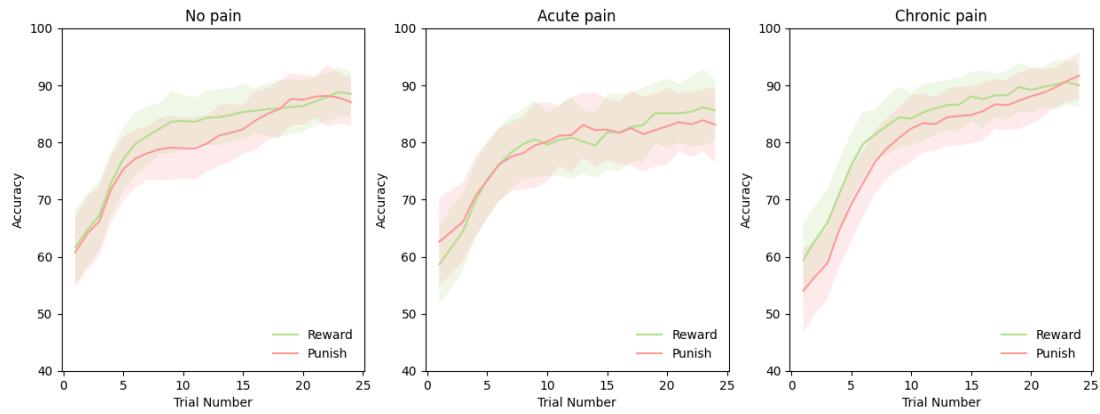


Figure 2. Behavioral performance across learning trials for the reward and punishment contexts for each group. For visualization, the accuracy is smoothed using a rolling mean of 5 trials. Shaded regions represent 95% confidence intervals.

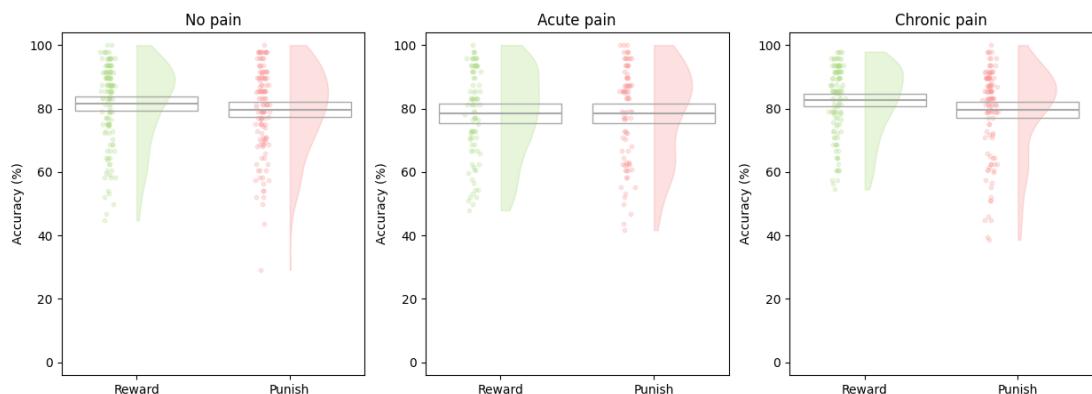


Figure 3. Averaged behavioral performance during learning for the reward and punishment contexts for each group. Boxplots show the mean and 95% confidence intervals of the accuracy for each context across participants within each group. Half-violin plots show the distribution of accuracy for each context across participants within each group. Scatter points show the averaged accuracy for each participant within each context.

Learning Accuracy Statistics

Accuracy in the learning phase was modelled using a linear mixed effects model with the following formula: $accuracy \sim 1 + group:context:binned_trial + (1|participant_id)$, where $group$, $context$, $binned_trial$, $group:context:binned_trial$ are the fixed effects and $participant_id$ is the random effect. Following each main and interaction finding from the linear model, we report planned comparison t-tests, corrected using a Welch's t-test when the assumption of homogeneity of variance was violated. Further, Tukey HSD post-hoc comparisons can be found in Appendix A.

Group: $\chi^2(2, N=332) = 4.77, p = 0.092$

Chronic Pain Vs No Pain

$t(243) = 0.38, p = 0.7066, d = 0.05.$

Chronic Pain Vs Acute Pain

$t(202) = 1.79, p = 0.0746, d = 0.25.$

Context*: $\chi^2(1, N=332) = 13.48, p < 0.001$

Binned_Trial*: $\chi^2(3, N=332) = 1170.13, p < 0.001$

Group:Context: $\chi^2(2, N=332) = 5.16, p = 0.076$

Chronic Pain Vs No Pain: Reward

$t(243) = 0.69, p = 0.4887, d = 0.09.$

Chronic Pain Vs No Pain: Loss Avoid

$t(243) = -0.1, p = 0.9211, d = -0.01.$

Chronic Pain Vs No Pain: Reward-Loss Avoid

$t(243) = 0.58, p = 0.5624, d = 0.07.$

Group:Binned_Trial*: $\chi^2(6, N=332) = 46.29, p < 0.001$

Context:Binned_Trial: $\chi^2(3, N=332) = 1.41, p = 0.704$

Group:Context:Binned_Trial: $\chi^2(6, N=332) = 11.52, p = 0.073$

Learning Reaction Time

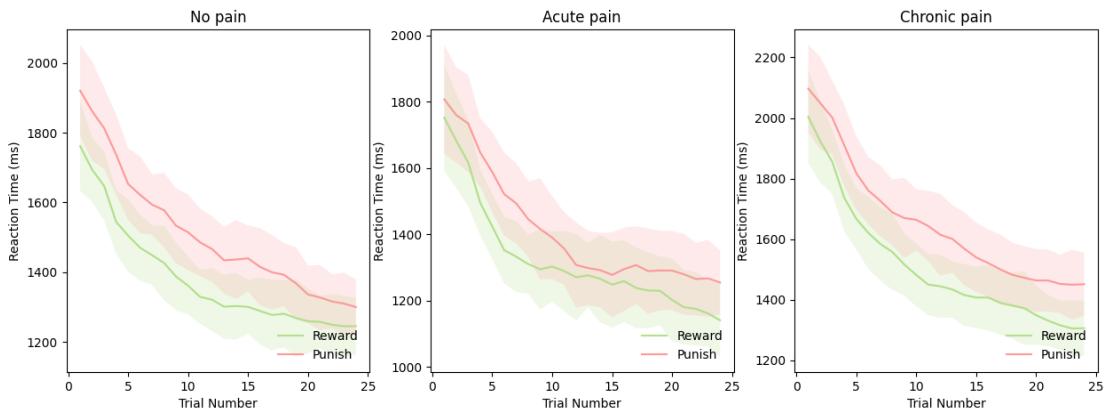


Figure 4. Reaction times across learning trials for the reward and punishment contexts for each group. For visualization, the reaction time is smoothed using a rolling mean of 5 trials. Shaded regions represent 95% confidence intervals.

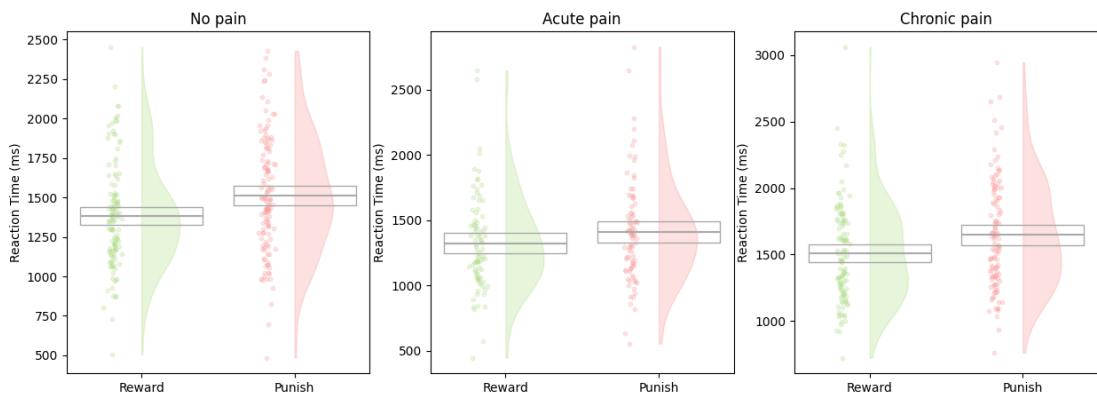


Figure 5. Averaged behavioral performance during learning for the reward and punishment contexts for each group. Boxplots show the mean and 95% confidence intervals of the reaction times for each context across participants within each group. Half-violin plots show the distribution of reaction times for each context across participants within each group. Scatter points show the averaged reaction times for each participant within each context.

Learning Rt Statistics

Rt in the learning phase was modelled using a linear mixed effects model with the following formula: $rt \sim 1 + group:context:binned_trial + (1|participant_id)$, where *group*, *context*, *binned_trial*, *group:context:binned_trial* are the fixed effects and *participant_id* is the random effect. Following each main and interaction finding from the linear model, we report planned comparison t-tests, corrected using a Welch's t-test when the assumption of homogeneity of variance was violated. Further, Tukey HSD post-hoc comparisons can be found in Appendix A.

Group*: $\chi^2(2, N=332) = 15.38, p < 0.001$

Chronic Pain Vs No Pain

$t(243) = -2.94, p = 0.0036^*, d = -0.38$.

Chronic Pain Vs Acute Pain

$t_{Welch}(118) = -3.87, p = 0.0002^*, d = -0.6$.

Context*: $\chi^2(1, N=332) = 323.37, p < 0.001$

Binned_Trial*: $\chi^2(3, N=332) = 2550.69, p < 0.001$

Group:Context: $\chi^2(2, N=332) = 3.8, p = 0.149$

Chronic Pain Vs No Pain: Reward

$t(243) = 2.85, p = 0.0047^*, d = 0.36$.

Chronic Pain Vs No Pain: Loss Avoid

$t(243) = 2.78, p = 0.0059^*, d = 0.36$.

Chronic Pain Vs No Pain: Reward-Loss Avoid

$t(243) = -0.27, p = 0.7844, d = -0.04$.

Group:Binned_Trial: $\chi^2(6, N=332) = 5.52, p = 0.479$

Context:Binned_Trial: $\chi^2(3, N=332) = 5.03, p = 0.17$

Group:Context:Binned_Trial*: $\chi^2(6, N=332) = 12.97, p = 0.044$

Choice Rate

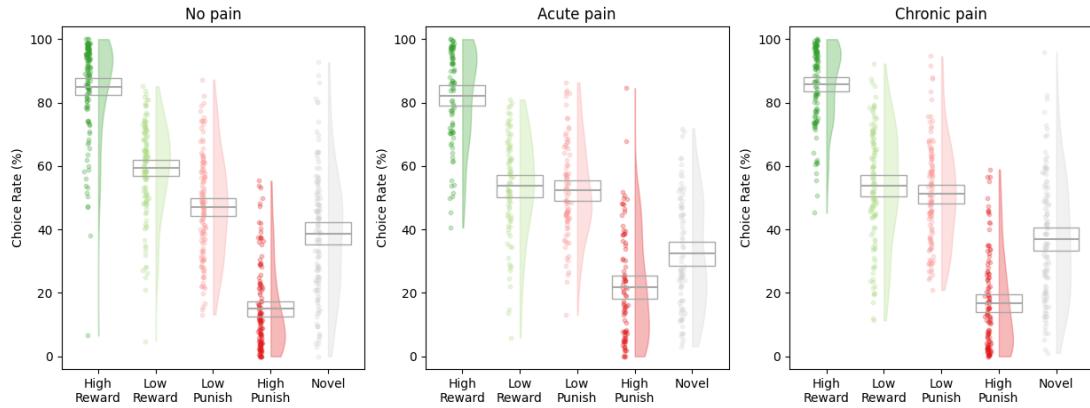


Figure 6. Choice rate for each symbol during transfer trials for each group. Choice rate is computed as the percentage of times a symbol was chosen given the number of times it was presented. Boxplots show the mean and 95% confidence intervals of the choice rate for each symbol type across participants within each group. Half-violin plots show the distribution of choice rates for each symbol type across participants within each group. Scatter points show the averaged choice rate for each participant within each symbol type.

Transfer Choice Rate Statistics

Accuracy in the transfer phase was modelled using a linear mixed effects model with the following formula: $accuracy \sim 1 + group:paired_symbols + (1|participant_id)$, where $group$, $paired_symbols$, $group:paired_symbols$ are the fixed effects and $participant_id$ is the random effect. Following each main and interaction finding from the linear model, we report planned comparison t-tests, corrected using a Welch's t-test when the assumption of homogeneity of variance was violated. Further, Tukey HSD post-hoc comparisons can be found in Appendix A.

Group: $\chi^2(2, N=332) = 1.33, p = 0.514$

Chronic Pain Vs No Pain

$t(243) = -0.86, p = 0.3926, d = -0.11$.

Chronic Pain Vs Acute Pain

$t(202) = 0.93, p = 0.3551, d = 0.13$.

Paired_Symbols*: $\chi^2(9, N=332) = 15346.96, p < 0.001$

High Reward Vs Low Punish

$t(331) = 26.81, p < 0.0001^*, d = 1.47$.

Low Reward Vs Low Punish

$t(331) = 3.77, p = 0.0002^*, d = 0.21$.

Group:Paired_Symbols*: $\chi^2(18, N=332) = 644.49, p < 0.001$

No Pain Vs Acute Pain: High Reward-Low Punish

$t(213) = -2.39, p = 0.0176^*, d = -0.33$.

No Pain Vs Chronic Pain: High Reward-Low Punish

$t(243) = -1.09, p = 0.2778, d = -0.14$.

Acute Pain Vs Chronic Pain: High Reward-Low Punish

$t(202) = 1.53, p = 0.1283, d = 0.22$.

No Pain Vs Acute Pain: Low Reward-Low Punish

$t(213) = 2.83, p = 0.005^*, d = 0.39$.

No Pain Vs Chronic Pain: Low Reward-Low Punish

$t(243) = 2.6, p = 0.0099^*, d = 0.33$.

Acute Pain Vs Chronic Pain: Low Reward-Low Punish

$t(202) = -0.31, p = 0.7584, d = -0.04$.

Transfer Reaction Time

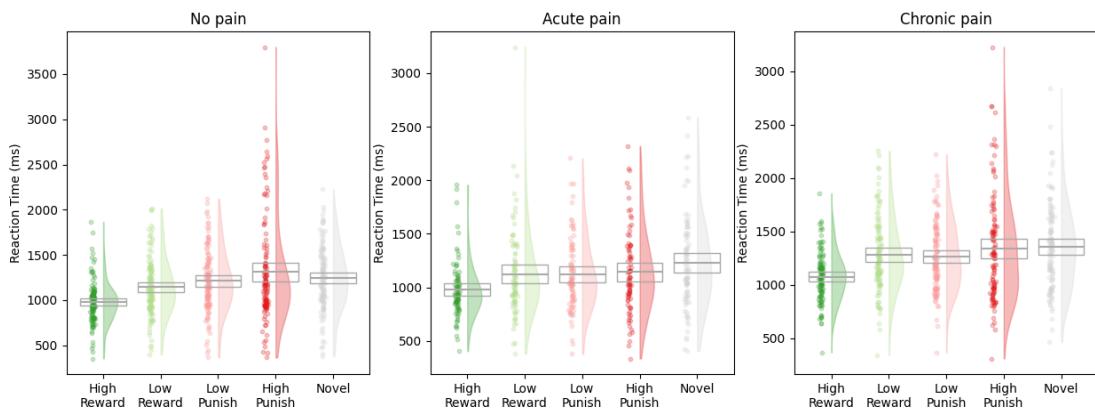


Figure 7. Reaction times for each symbol during transfer trials for each group. Boxplots show the mean and 95% confidence intervals of the reaction times for each symbol type across participants within each group. Half-violin plots show the distribution of reaction times for each symbol type across participants within each group. Scatter points show the averaged reaction time for each participant within each symbol type.

Transfer Rt Statistics

Rt in the transfer phase was modelled using a linear mixed effects model with the following formula: $rt \sim 1 + group:paired_symbols + (1|participant_id)$, where *group*, *paired_symbols*, *group:paired_symbols* are the fixed effects and *participant_id* is the random effect. Following each main and interaction finding from the linear model, we report planned comparison t-tests, corrected using a Welch's t-test when the assumption of homogeneity of variance was violated. Further, Tukey HSD post-hoc comparisons can be found in Appendix A.

Group*: $\chi^2(2, N=332) = 8.09, p = 0.018$

Chronic Pain Vs No Pain

$t(243) = -2.29, p = 0.0227^*, d = -0.29$.

Chronic Pain Vs Acute Pain

$t_{Welch}(145) = -3.32, p = 0.0012^*, d = -0.49$.

Paired_Symbols*: $\chi^2(9, N=332) = 5254.49, p < 0.001$

High Reward Vs Low Punish

$t(331) = -17.35, p < 0.0001^*, d = -0.95$.

Low Reward Vs Low Punish

$t(331) = -1.55, p = 0.1222, d = -0.09$.

Group:Paired_Symbols*: $\chi^2(18, N=332) = 148.3, p < 0.001$

No Pain Vs Acute Pain: High Reward-Low Punish

$t(213) = 3.3, p = 0.0011^*, d = 0.46$.

No Pain Vs Chronic Pain: High Reward-Low Punish

$t(243) = 1.83, p = 0.0684, d = 0.23$.

Acute Pain Vs Chronic Pain: High Reward-Low Punish

$t(202) = -1.61, p = 0.1079, d = -0.23$.

No Pain Vs Acute Pain: Low Reward-Low Punish

$t(213) = -2.47, p = 0.0143^*, d = -0.34$.

No Pain Vs Chronic Pain: Low Reward-Low Punish

$t(243) = -2.95, p = 0.0035^*, d = -0.38$.

Acute Pain Vs Chronic Pain: Low Reward-Low Punish

$t(202) = -0.4, p = 0.6921, d = -0.06$.

Appendix A

Appendix A contains a collection of all possible post-hoc comparisons. Some of these are the same as the planned comparisons and should be ignored. In addition, many of these comparisons are not meaningful, but we included them for completeness.

Post-Hoc Comparisons: Group Comparisons

Learning Accuracy

Table 2.

factor	Meandiff	P-Adj	Reject
Acute Pain Vs Chronic Pain	2.598800	0.168600	False
Acute Pain Vs No Pain	2.128300	0.288200	False
Chronic Pain Vs No Pain	-0.470400	0.930200	False

Learning Reaction Time

Table 3.

factor	Meandiff	P-Adj	Reject
Acute Pain Vs Chronic Pain	-0.000200	0.000000	True
Acute Pain Vs No Pain	-0.000100	0.066000	False
Chronic Pain Vs No Pain	0.000100	0.041100	True

Transfer Accuracy

Table 4.

factor	Meandiff	P-Adj	Reject
Acute Pain Vs Chronic Pain	1.484700	0.635700	False
Acute Pain Vs No Pain	2.731300	0.206100	False
Chronic Pain Vs No Pain	1.246600	0.676100	False

Transfer Reaction Time

Table 5.

factor	Meandiff	P-Adj	Reject
Acute Pain Vs Chronic Pain	-0.000200	0.001800	True
Acute Pain Vs No Pain	-0.000100	0.265400	False
Chronic Pain Vs No Pain	0.000100	0.085500	False

Post-Hoc Comparisons: Context Comparisons

Transfer Accuracy

Table 6.

factor	Meandiff	P-Adj	Reject
High Punish Vs High Reward	67.212100	0.000000	True
High Punish Vs Low Punish	32.491500	0.000000	True
High Punish Vs Low Reward	38.523700	0.000000	True
High Punish Vs Novel	19.038000	0.000000	True
High Reward Vs Low Punish	-34.720600	0.000000	True
High Reward Vs Low Reward	-28.688500	0.000000	True
High Reward Vs Novel	-48.174100	0.000000	True
Low Punish Vs Low Reward	6.032200	0.000000	True
Low Punish Vs Novel	-13.453400	0.000000	True
Low Reward Vs Novel	-19.485600	0.000000	True

Transfer Reaction Time

Table 7.

factor	Meandiff	P-Adj	Reject
High Punish Vs High Reward	-264.262300	0.000000	True
High Punish Vs Low Punish	-70.670800	0.123900	False
High Punish Vs Low Reward	-90.055600	0.021500	True
High Punish Vs Novel	2.185200	1.000000	False
High Reward Vs Low Punish	193.591500	0.000000	True
High Reward Vs Low Reward	174.206700	0.000000	True
High Reward Vs Novel	266.447500	0.000000	True
Low Punish Vs Low Reward	-19.384800	0.965600	False
Low Punish Vs Novel	72.856100	0.099700	False
Low Reward Vs Novel	92.240900	0.015900	True

Post-Hoc Comparisons: Trial Comparisons

Learning Accuracy

Table 8.

factor	Meandiff	P-Adj	Reject
Early Vs Late	20.423300	0.000000	True
Early Vs Mid-Early	14.421900	0.000000	True
Early Vs Mid-Late	17.390900	0.000000	True
Late Vs Mid-Early	-6.001400	0.000000	True
Late Vs Mid-Late	-3.032400	0.019300	True
Mid-Early Vs Mid-Late	2.969000	0.023200	True

Learning Reaction Time

Table 9.

factor	Meandiff	P-Adj	Reject
Early Vs Late	0.000200	0.000000	True
Early Vs Mid-Early	0.000100	0.000000	True
Early Vs Mid-Late	0.000200	0.000000	True
Late Vs Mid-Early	-0.000100	0.000100	True
Late Vs Mid-Late	-0.000000	0.526500	False
Mid-Early Vs Mid-Late	0.000100	0.017900	True

Post-Hoc Comparisons: Interaction Comparisons

Learning Accuracy: Group x Context

Table 10.

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid Vs Acute Pain & Reward	0.035800	1.000000	False
Acute Pain & Loss Avoid Vs Chronic Pain & Loss Avoid	1.076200	0.992800	False
Acute Pain & Loss Avoid Vs Chronic Pain & Reward	4.135100	0.241000	False
Acute Pain & Loss Avoid Vs No Pain & Loss Avoid	1.249100	0.984600	False
Acute Pain & Loss Avoid Vs No Pain & Reward	3.071500	0.557600	False
Acute Pain & Reward Vs Chronic Pain & Loss Avoid	1.040400	0.993900	False
Acute Pain & Reward Vs Chronic Pain & Reward	4.099300	0.250000	False
Acute Pain & Reward Vs No Pain & Loss Avoid	1.213200	0.986500	False
Acute Pain & Reward Vs No Pain & Reward	3.035700	0.570600	False
Chronic Pain & Loss Avoid Vs Chronic Pain & Reward	3.058900	0.493300	False
Chronic Pain & Loss Avoid Vs No Pain & Loss Avoid	0.172900	1.000000	False
Chronic Pain & Loss Avoid Vs No Pain & Reward	1.995300	0.849700	False
Chronic Pain & Reward Vs No Pain & Loss Avoid	-2.886100	0.534700	False
Chronic Pain & Reward Vs No Pain & Reward	-1.063600	0.989200	False
No Pain & Loss Avoid Vs No Pain & Reward	1.822500	0.883000	False

Learning Accuracy: Group x Trial

Table 11.

factor	Meandiff	P-Adj	Reject
Acute Pain & Early Vs Acute Pain & Late	16.545300	0.000000	True
Acute Pain & Early Vs Acute Pain & Mid-Early	11.911400	0.000000	True
Acute Pain & Early Vs Acute Pain & Mid-Late	14.499400	0.000000	True
Acute Pain & Early Vs Chronic Pain & Early	-2.878900	0.934500	False
Acute Pain & Early Vs Chronic Pain & Late	21.872900	0.000000	True
Acute Pain & Early Vs Chronic Pain & Mid-Early	15.252000	0.000000	True
Acute Pain & Early Vs Chronic Pain & Mid-Late	18.985500	0.000000	True
Acute Pain & Early Vs No Pain & Early	1.082500	1.000000	False
Acute Pain & Early Vs No Pain & Late	20.185000	0.000000	True
Acute Pain & Early Vs No Pain & Mid-Early	13.820400	0.000000	True
Acute Pain & Early Vs No Pain & Mid-Late	16.349700	0.000000	True
Acute Pain & Late Vs Acute Pain & Mid-Early	-4.633900	0.485900	False
Acute Pain & Late Vs Acute Pain & Mid-Late	-2.046000	0.997500	False
Acute Pain & Late Vs Chronic Pain & Early	-19.424200	0.000000	True
Acute Pain & Late Vs Chronic Pain & Late	5.327500	0.173900	False
Acute Pain & Late Vs Chronic Pain & Mid-Early	-1.293300	0.999900	False
Acute Pain & Late Vs Chronic Pain & Mid-Late	2.440200	0.980400	False
Acute Pain & Late Vs No Pain & Early	-15.462800	0.000000	True
Acute Pain & Late Vs No Pain & Late	3.639700	0.720100	False
Acute Pain & Late Vs No Pain & Mid-Early	-2.724900	0.949000	False
Acute Pain & Late Vs No Pain & Mid-Late	-0.195700	1.000000	False
Acute Pain & Mid-Early Vs Acute Pain & Mid-Late	2.588000	0.981800	False
Acute Pain & Mid-Early Vs Chronic Pain & Early	-14.790300	0.000000	True
Acute Pain & Mid-Early Vs Chronic Pain & Late	9.961500	0.000000	True
Acute Pain & Mid-Early Vs Chronic Pain & Mid-Early	3.340600	0.836000	False
Acute Pain & Mid-Early Vs Chronic Pain & Mid-Late	7.074100	0.010400	True
Acute Pain & Mid-Early Vs No Pain & Early	-10.828900	0.000000	True
Acute Pain & Mid-Early Vs No Pain & Late	8.273600	0.000600	True
Acute Pain & Mid-Early Vs No Pain & Mid-Early	1.909000	0.997100	False
Acute Pain & Mid-Early Vs No Pain & Mid-Late	4.438300	0.412900	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Mid-Late Vs Chronic Pain & Early	-17.378300	0.000000	True
Acute Pain & Mid-Late Vs Chronic Pain & Late	7.373500	0.005700	True
Acute Pain & Mid-Late Vs Chronic Pain & Mid-Early	0.752700	1.000000	False
Acute Pain & Mid-Late Vs Chronic Pain & Mid-Late	4.486200	0.426000	False
Acute Pain & Mid-Late Vs No Pain & Early	-13.416900	0.000000	True
Acute Pain & Mid-Late Vs No Pain & Late	5.685700	0.092400	False
Acute Pain & Mid-Late Vs No Pain & Mid-Early	-0.679000	1.000000	False
Acute Pain & Mid-Late Vs No Pain & Mid-Late	1.850300	0.997800	False
Chronic Pain & Early Vs Chronic Pain & Late	24.751800	0.000000	True
Chronic Pain & Early Vs Chronic Pain & Mid-Early	18.130900	0.000000	True
Chronic Pain & Early Vs Chronic Pain & Mid-Late	21.864400	0.000000	True
Chronic Pain & Early Vs No Pain & Early	3.961400	0.463900	False
Chronic Pain & Early Vs No Pain & Late	23.064000	0.000000	True
Chronic Pain & Early Vs No Pain & Mid-Early	16.699300	0.000000	True
Chronic Pain & Early Vs No Pain & Mid-Late	19.228600	0.000000	True
Chronic Pain & Late Vs Chronic Pain & Mid-Early	-6.620800	0.008600	True
Chronic Pain & Late Vs Chronic Pain & Mid-Late	-2.887300	0.888700	False
Chronic Pain & Late Vs No Pain & Early	-20.790400	0.000000	True
Chronic Pain & Late Vs No Pain & Late	-1.687800	0.997900	False
Chronic Pain & Late Vs No Pain & Mid-Early	-8.052500	0.000200	True
Chronic Pain & Late Vs No Pain & Mid-Late	-5.523200	0.056700	False
Chronic Pain & Mid-Early Vs Chronic Pain & Mid-Late	3.733500	0.595700	False
Chronic Pain & Mid-Early Vs No Pain & Early	-14.169500	0.000000	True
Chronic Pain & Mid-Early Vs No Pain & Late	4.933000	0.146700	False
Chronic Pain & Mid-Early Vs No Pain & Mid-Early	-1.431600	0.999600	False
Chronic Pain & Mid-Early Vs No Pain & Mid-Late	1.097700	1.000000	False
Chronic Pain & Mid-Late Vs No Pain & Early	-17.903000	0.000000	True
Chronic Pain & Mid-Late Vs No Pain & Late	1.199500	0.999900	False
Chronic Pain & Mid-Late Vs No Pain & Mid-Early	-5.165100	0.103100	False
Chronic Pain & Mid-Late Vs No Pain & Mid-Late	-2.635800	0.928400	False

factor	Meandiff	P-Adj	Reject
No Pain & Early Vs No Pain & Late	19.102500	0.000000	True
No Pain & Early Vs No Pain & Mid-Early	12.737900	0.000000	True
No Pain & Early Vs No Pain & Mid-Late	15.267200	0.000000	True
No Pain & Late Vs No Pain & Mid-Early	-6.364600	0.008000	True
No Pain & Late Vs No Pain & Mid-Late	-3.835400	0.479400	False
No Pain & Mid-Early Vs No Pain & Mid-Late	2.529300	0.936700	False

Learning Accuracy: Context x Trial

Table 12.

factor	Meandiff	P-Adj	Reject
Loss Avoid & Early Vs Loss Avoid & Late	21.213900	0.000000	True
Loss Avoid & Early Vs Loss Avoid & Mid-Early	14.264300	0.000000	True
Loss Avoid & Early Vs Loss Avoid & Mid-Late	17.527300	0.000000	True
Loss Avoid & Early Vs Reward & Early	2.249900	0.744400	False
Loss Avoid & Early Vs Reward & Late	21.824600	0.000000	True
Loss Avoid & Early Vs Reward & Mid-Early	16.744700	0.000000	True
Loss Avoid & Early Vs Reward & Mid-Late	19.423700	0.000000	True
Loss Avoid & Late Vs Loss Avoid & Mid-Early	-6.949600	0.000000	True
Loss Avoid & Late Vs Loss Avoid & Mid-Late	-3.686600	0.142800	False
Loss Avoid & Late Vs Reward & Early	-18.964000	0.000000	True
Loss Avoid & Late Vs Reward & Late	0.610600	0.999900	False
Loss Avoid & Late Vs Reward & Mid-Early	-4.469200	0.030300	True
Loss Avoid & Late Vs Reward & Mid-Late	-1.790300	0.906000	False
Loss Avoid & Mid-Early Vs Loss Avoid & Mid-Late	3.263000	0.274800	False
Loss Avoid & Mid-Early Vs Reward & Early	-12.014400	0.000000	True
Loss Avoid & Mid-Early Vs Reward & Late	7.560200	0.000000	True
Loss Avoid & Mid-Early Vs Reward & Mid-Early	2.480400	0.637200	False
Loss Avoid & Mid-Early Vs Reward & Mid-Late	5.159400	0.005600	True
Loss Avoid & Mid-Late Vs Reward & Early	-15.277400	0.000000	True
Loss Avoid & Mid-Late Vs Reward & Late	4.297300	0.044200	True
Loss Avoid & Mid-Late Vs Reward & Mid-Early	-0.782600	0.999300	False
Loss Avoid & Mid-Late Vs Reward & Mid-Late	1.896400	0.876400	False
Reward & Early Vs Reward & Late	19.574700	0.000000	True
Reward & Early Vs Reward & Mid-Early	14.494800	0.000000	True
Reward & Early Vs Reward & Mid-Late	17.173800	0.000000	True
Reward & Late Vs Reward & Mid-Early	-5.079900	0.006900	True
Reward & Late Vs Reward & Mid-Late	-2.400900	0.675400	False
Reward & Mid-Early Vs Reward & Mid-Late	2.679000	0.539100	False

Learning Accuracy: Group x Context x Trial

Table 13.

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid & Early Vs Acute Pain & Loss Avoid & Late	14.274400	0.000000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Loss Avoid & Mid-Early	11.116900	0.009900	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Loss Avoid & Mid-Late	13.481900	0.000200	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Early	-1.839100	1.000000	False
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Late	16.818800	0.000000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Mid-Early	10.617100	0.020000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Mid-Late	13.373700	0.000200	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Early	-7.066300	0.451300	False
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Late	20.561700	0.000000	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Early	12.839200	0.000100	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Late	16.608700	0.000000	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Early	-0.784700	1.000000	False
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Late	21.137500	0.000000	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Early	15.613100	0.000000	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Late	19.395800	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Early	-0.526700	1.000000	False
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Late	19.541200	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Early	10.720600	0.004100	True
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Late	14.130900	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Early	0.817200	1.000000	False
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Late	18.869300	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Early	14.958300	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Late	16.575600	0.000000	True
Acute Pain & Loss Avoid & Late Vs Acute Pain & Loss Avoid & Mid-Early	-3.157400	1.000000	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Loss Avoid & Mid-Late	-0.792400	1.000000	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Early	-16.113400	0.000000	True
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Late	2.544400	1.000000	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Mid-Early	-3.657300	0.999700	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Mid-Late	-0.900600	1.000000	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Early	-21.340600	0.000000	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Late	6.287400	0.694800	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Early	-1.435200	1.000000	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Late	2.334400	1.000000	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Early	-15.059000	0.000000	True
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Late	6.863200	0.514800	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Early	1.338700	1.000000	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Late	5.121400	0.942200	False
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Early	-14.801000	0.000000	True
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Late	5.266900	0.909300	False
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Early	-3.553800	0.999400	False
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Late	-0.143500	1.000000	False
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Early	-13.457100	0.000000	True
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Late	4.594900	0.978200	False
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Early	0.683900	1.000000	False
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Late	2.301300	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Loss Avoid & Mid-Late	2.365000	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Early	-12.956000	0.000500	True
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Late	5.701800	0.915700	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Mid-Early	-0.499800	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Mid-Late	2.256800	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Early	-18.183200	0.000000	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Late	9.444800	0.038500	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Early	1.722300	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Late	5.491800	0.888400	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Early	-11.901600	0.000700	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Late	10.020600	0.017000	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Early	4.496200	0.986600	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Late	8.278900	0.157100	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Early	-11.643600	0.000800	True
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Late	8.424300	0.112700	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	-0.396300	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	3.013900	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Early	-10.299700	0.008300	True
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Late	7.752300	0.229500	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Early	3.841300	0.997900	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Late	5.458700	0.875500	False
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Early	-15.321000	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Late	3.336800	0.999900	False
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Mid-Early	-2.864900	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Mid-Late	-0.108200	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Early	-20.548200	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Late	7.079800	0.447200	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Early	-0.642800	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Late	3.126800	0.999900	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Early	-14.266600	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Late	7.655600	0.285900	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Early	2.131100	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Late	5.913800	0.797700	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Early	-14.008600	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Late	6.059300	0.727900	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	-2.761400	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	0.648900	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Early	-12.664700	0.000100	True
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Late	5.387300	0.888900	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Early	1.476300	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Late	3.093700	0.999900	False
Acute Pain & Reward & Early Vs Acute Pain & Reward & Late	18.657800	0.000000	True
Acute Pain & Reward & Early Vs Acute Pain & Reward & Mid-Early	12.456200	0.001200	True
Acute Pain & Reward & Early Vs Acute Pain & Reward & Mid-Late	15.212800	0.000000	True
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Early	-5.227200	0.929200	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Late	22.400800	0.000000	True
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Mid-Early	14.678300	0.000000	True
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Mid-Late	18.447800	0.000000	True
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Early	1.054400	1.000000	False
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Late	22.976600	0.000000	True
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Early	17.452200	0.000000	True
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Late	21.234900	0.000000	True
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Early	1.312400	1.000000	False
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Late	21.380300	0.000000	True
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Early	12.559700	0.000100	True
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Late	15.969900	0.000000	True
Acute Pain & Reward & Early Vs No Pain & Reward & Early	2.656300	1.000000	False
Acute Pain & Reward & Early Vs No Pain & Reward & Late	20.708300	0.000000	True
Acute Pain & Reward & Early Vs No Pain & Reward & Mid-Early	16.797300	0.000000	True
Acute Pain & Reward & Early Vs No Pain & Reward & Mid-Late	18.414700	0.000000	True
Acute Pain & Reward & Late Vs Acute Pain & Reward & Mid-Early	-6.201700	0.827300	False
Acute Pain & Reward & Late Vs Acute Pain & Reward & Mid-Late	-3.445000	0.999900	False
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Early	-23.885000	0.000000	True
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Late	3.742900	0.998900	False
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Mid-Early	-3.979600	0.997400	False
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Mid-Late	-0.210100	1.000000	False
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Early	-17.603400	0.000000	True
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Late	4.318800	0.992000	False
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Early	-1.205700	1.000000	False
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Late	2.577000	1.000000	False
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Early	-17.345400	0.000000	True
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Late	2.722400	1.000000	False
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Early	-6.098200	0.716500	False
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Late	-2.687900	1.000000	False
Acute Pain & Reward & Late Vs No Pain & Reward & Early	-16.001500	0.000000	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Reward & Late Vs No Pain & Reward & Late	2.050500	1.000000	False
Acute Pain & Reward & Late Vs No Pain & Reward & Mid-Early	-1.860500	1.000000	False
Acute Pain & Reward & Late Vs No Pain & Reward & Mid-Late	-0.243200	1.000000	False
Acute Pain & Reward & Mid-Early Vs Acute Pain & Reward & Mid-Late	2.756600	1.000000	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Early	-17.683400	0.000000	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Late	9.944600	0.019100	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Early	2.222100	1.000000	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Late	5.991600	0.777800	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Early	-11.401800	0.001800	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Late	10.520500	0.007900	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Mid-Early	4.996000	0.955200	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Mid-Late	8.778700	0.089800	False
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Early	-11.143800	0.002000	True
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Late	8.924100	0.061100	False
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	0.103500	1.000000	False
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	3.513800	0.999500	False
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Early	-9.799800	0.018000	True
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Late	8.252200	0.136900	False
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Early	4.341200	0.989100	False
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Late	5.958500	0.756600	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Early	-20.440000	0.000000	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Late	7.188000	0.414500	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Early	-0.534500	1.000000	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Late	3.235000	0.999900	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Early	-14.158400	0.000000	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Late	7.763800	0.259800	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Mid-Early	2.239400	1.000000	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Mid-Late	6.022000	0.769700	False
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Early	-13.900400	0.000000	True
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Late	6.167500	0.695800	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	-2.653100	1.000000	False
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	0.757100	1.000000	False
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Early	-12.556500	0.000100	True
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Late	5.495500	0.868200	False
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Early	1.584500	1.000000	False
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Late	3.201900	0.999900	False
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Late	27.628000	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Early	19.905500	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Late	23.675000	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Early	6.281600	0.534300	False
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Late	28.203800	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Early	22.679400	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Late	26.462100	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Early	6.539600	0.399600	False
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Late	26.607500	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Early	17.786900	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Late	21.197100	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Early	7.883500	0.095600	False
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Late	25.935500	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Early	22.024600	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Late	23.641900	0.000000	True
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Early	-7.722500	0.143800	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Late	-3.953000	0.992900	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Early	-21.346400	0.000000	True
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Late	0.575800	1.000000	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Early	-4.948600	0.910500	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Late	-1.165900	1.000000	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Early	-21.088400	0.000000	True
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Late	-1.020500	1.000000	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Early	-9.841100	0.004300	True

factor	Meandiff	P-Adj	Reject
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Late	-6.430900	0.435600	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Early	-19.744500	0.000000	True
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Late	-1.692500	1.000000	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Early	-5.603400	0.719800	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Late	-3.986100	0.989400	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Late	3.769500	0.996300	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Early	-13.623800	0.000000	True
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Late	8.298400	0.069900	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Early	2.773900	1.000000	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Late	6.556600	0.441200	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Early	-13.365800	0.000000	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Late	6.702000	0.348300	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	-2.118600	1.000000	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	1.291700	1.000000	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Early	-12.021900	0.000000	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Late	6.030100	0.574800	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Early	2.119100	1.000000	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Late	3.736400	0.995500	False
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Early	-17.393400	0.000000	True
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Late	4.528800	0.963300	False
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Early	-0.995600	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Late	2.787100	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Early	-17.135400	0.000000	True
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Late	2.932500	0.999900	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	-5.888100	0.624400	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	-2.477900	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Early	-15.791500	0.000000	True
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Late	2.260500	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Early	-1.650400	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Late	-0.033100	1.000000	False

factor	Meandiff	P-Adj	Reject
Chronic Pain & Reward & Early Vs Chronic Pain & Reward & Late	21.922200	0.000000	True
Chronic Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Early	16.397700	0.000000	True
Chronic Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Late	20.180400	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Early	0.258000	1.000000	False
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Late	20.325900	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Early	11.505200	0.000100	True
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Late	14.915500	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Reward & Early	1.601900	1.000000	False
Chronic Pain & Reward & Early Vs No Pain & Reward & Late	19.653900	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Reward & Mid-Early	15.742900	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Reward & Mid-Late	17.360300	0.000000	True
Chronic Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Early	-5.524500	0.780300	False
Chronic Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Late	-1.741800	1.000000	False
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Early	-21.664200	0.000000	True
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Late	-1.596300	1.000000	False
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Early	-10.417000	0.001400	True
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Late	-7.006700	0.261800	False
Chronic Pain & Reward & Late Vs No Pain & Reward & Early	-20.320300	0.000000	True
Chronic Pain & Reward & Late Vs No Pain & Reward & Late	-2.268300	1.000000	False
Chronic Pain & Reward & Late Vs No Pain & Reward & Mid-Early	-6.179300	0.522300	False
Chronic Pain & Reward & Late Vs No Pain & Reward & Mid-Late	-4.561900	0.950000	False
Chronic Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Mid-Late	3.782700	0.996100	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Early	-16.139700	0.000000	True
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Late	3.928100	0.991300	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	-4.892500	0.901500	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	-1.482200	1.000000	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Early	-14.795800	0.000000	True
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Late	3.256200	0.999400	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Early	-0.654800	1.000000	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Late	0.962500	1.000000	False

factor	Meandiff	P-Adj	Reject
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Early	-19.922400	0.000000	True
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Late	0.145400	1.000000	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	-8.675200	0.031100	True
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	-5.264900	0.818700	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Early	-18.578500	0.000000	True
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Late	-0.526500	1.000000	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Early	-4.437500	0.962700	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Late	-2.820200	0.999900	False
No Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Late	20.067900	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Early	11.247200	0.000100	True
No Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Late	14.657500	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Reward & Early	1.343900	1.000000	False
No Pain & Loss Avoid & Early Vs No Pain & Reward & Late	19.395900	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Early	15.484900	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Late	17.102300	0.000000	True
No Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Early	-8.820600	0.017800	True
No Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Late	-5.410400	0.740900	False
No Pain & Loss Avoid & Late Vs No Pain & Reward & Early	-18.724000	0.000000	True
No Pain & Loss Avoid & Late Vs No Pain & Reward & Late	-0.672000	1.000000	False
No Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Early	-4.582900	0.933900	False
No Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Late	-2.965600	0.999800	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	3.410300	0.998300	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Early	-9.903300	0.002500	True
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Late	8.148700	0.051300	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Early	4.237700	0.971100	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Late	5.855000	0.588500	False
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Early	-13.313600	0.000000	True
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Late	4.738400	0.909300	False
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Early	0.827400	1.000000	False
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Late	2.444800	1.000000	False

factor	Meandiff	P-Adj	Reject
No Pain & Reward & Early Vs No Pain & Reward & Late	18.052000	0.000000	True
No Pain & Reward & Early Vs No Pain & Reward & Mid-Early	14.141000	0.000000	True
No Pain & Reward & Early Vs No Pain & Reward & Mid-Late	15.758400	0.000000	True
No Pain & Reward & Late Vs No Pain & Reward & Mid-Early	-3.911000	0.988900	False
No Pain & Reward & Late Vs No Pain & Reward & Mid-Late	-2.293600	1.000000	False
No Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Late	1.617300	1.000000	False

Learning Reaction Time: Group x Context

Table 14.

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid Vs Acute Pain & Reward	-86.455900	0.636900	False
Acute Pain & Loss Avoid Vs Chronic Pain & Loss Avoid	236.409600	0.000100	True
Acute Pain & Loss Avoid Vs Chronic Pain & Reward	101.019200	0.384600	False
Acute Pain & Loss Avoid Vs No Pain & Loss Avoid	100.776000	0.365700	False
Acute Pain & Loss Avoid Vs No Pain & Reward	-26.561300	0.995500	False
Acute Pain & Reward Vs Chronic Pain & Loss Avoid	322.865400	0.000000	True
Acute Pain & Reward Vs Chronic Pain & Reward	187.475100	0.004900	True
Acute Pain & Reward Vs No Pain & Loss Avoid	187.231900	0.003900	True
Acute Pain & Reward Vs No Pain & Reward	59.894600	0.852900	False
Chronic Pain & Loss Avoid Vs Chronic Pain & Reward	-135.390300	0.058600	False
Chronic Pain & Loss Avoid Vs No Pain & Loss Avoid	-135.633500	0.048600	True
Chronic Pain & Loss Avoid Vs No Pain & Reward	-262.970900	0.000000	True
Chronic Pain & Reward Vs No Pain & Loss Avoid	-0.243200	1.000000	False
Chronic Pain & Reward Vs No Pain & Reward	-127.580500	0.077000	False
No Pain & Loss Avoid Vs No Pain & Reward	-127.337300	0.066200	False

Learning Reaction Time: Group x Trial

Table 15.

factor	Meandiff	P-Adj	Reject
Acute Pain & Early Vs Acute Pain & Late	-402.473800	0.000000	True
Acute Pain & Early Vs Acute Pain & Mid-Early	-273.362200	0.000600	True
Acute Pain & Early Vs Acute Pain & Mid-Late	-358.721100	0.000000	True
Acute Pain & Early Vs Chronic Pain & Early	259.113000	0.000400	True
Acute Pain & Early Vs Chronic Pain & Late	-234.411400	0.002800	True
Acute Pain & Early Vs Chronic Pain & Mid-Early	-46.578600	0.999700	False
Acute Pain & Early Vs Chronic Pain & Mid-Late	-159.291600	0.193800	False
Acute Pain & Early Vs No Pain & Early	77.497100	0.968400	False
Acute Pain & Early Vs No Pain & Late	-336.970900	0.000000	True
Acute Pain & Early Vs No Pain & Mid-Early	-182.520400	0.056300	False
Acute Pain & Early Vs No Pain & Mid-Late	-269.922100	0.000100	True
Acute Pain & Late Vs Acute Pain & Mid-Early	129.111700	0.625100	False
Acute Pain & Late Vs Acute Pain & Mid-Late	43.752800	0.999900	False
Acute Pain & Late Vs Chronic Pain & Early	661.586800	0.000000	True
Acute Pain & Late Vs Chronic Pain & Late	168.062500	0.133800	False
Acute Pain & Late Vs Chronic Pain & Mid-Early	355.895200	0.000000	True
Acute Pain & Late Vs Chronic Pain & Mid-Late	243.182200	0.001500	True
Acute Pain & Late Vs No Pain & Early	479.971000	0.000000	True
Acute Pain & Late Vs No Pain & Late	65.502900	0.991600	False
Acute Pain & Late Vs No Pain & Mid-Early	219.953500	0.005700	True
Acute Pain & Late Vs No Pain & Mid-Late	132.551800	0.442100	False
Acute Pain & Mid-Early Vs Acute Pain & Mid-Late	-85.358900	0.966100	False
Acute Pain & Mid-Early Vs Chronic Pain & Early	532.475100	0.000000	True
Acute Pain & Mid-Early Vs Chronic Pain & Late	38.950800	0.999900	False
Acute Pain & Mid-Early Vs Chronic Pain & Mid-Early	226.783500	0.004800	True
Acute Pain & Mid-Early Vs Chronic Pain & Mid-Late	114.070600	0.704300	False
Acute Pain & Mid-Early Vs No Pain & Early	350.859300	0.000000	True
Acute Pain & Mid-Early Vs No Pain & Late	-63.608700	0.993500	False
Acute Pain & Mid-Early Vs No Pain & Mid-Early	90.841800	0.905600	False
Acute Pain & Mid-Early Vs No Pain & Mid-Late	3.440100	1.000000	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Mid-Late Vs Chronic Pain & Early	617.834000	0.000000	True
Acute Pain & Mid-Late Vs Chronic Pain & Late	124.309700	0.577600	False
Acute Pain & Mid-Late Vs Chronic Pain & Mid-Early	312.142400	0.000000	True
Acute Pain & Mid-Late Vs Chronic Pain & Mid-Late	199.429400	0.026800	True
Acute Pain & Mid-Late Vs No Pain & Early	436.218200	0.000000	True
Acute Pain & Mid-Late Vs No Pain & Late	21.750100	1.000000	False
Acute Pain & Mid-Late Vs No Pain & Mid-Early	176.200700	0.078200	False
Acute Pain & Mid-Late Vs No Pain & Mid-Late	88.799000	0.918400	False
Chronic Pain & Early Vs Chronic Pain & Late	-493.524300	0.000000	True
Chronic Pain & Early Vs Chronic Pain & Mid-Early	-305.691600	0.000000	True
Chronic Pain & Early Vs Chronic Pain & Mid-Late	-418.404600	0.000000	True
Chronic Pain & Early Vs No Pain & Early	-181.615800	0.024500	True
Chronic Pain & Early Vs No Pain & Late	-596.083900	0.000000	True
Chronic Pain & Early Vs No Pain & Mid-Early	-441.633300	0.000000	True
Chronic Pain & Early Vs No Pain & Mid-Late	-529.035000	0.000000	True
Chronic Pain & Late Vs Chronic Pain & Mid-Early	187.832700	0.021300	True
Chronic Pain & Late Vs Chronic Pain & Mid-Late	75.119700	0.960700	False
Chronic Pain & Late Vs No Pain & Early	311.908500	0.000000	True
Chronic Pain & Late Vs No Pain & Late	-102.559600	0.710900	False
Chronic Pain & Late Vs No Pain & Mid-Early	51.891000	0.997700	False
Chronic Pain & Late Vs No Pain & Mid-Late	-35.510700	0.999900	False
Chronic Pain & Mid-Early Vs Chronic Pain & Mid-Late	-112.713000	0.606300	False
Chronic Pain & Mid-Early Vs No Pain & Early	124.075800	0.414400	False
Chronic Pain & Mid-Early Vs No Pain & Late	-290.392300	0.000000	True
Chronic Pain & Mid-Early Vs No Pain & Mid-Early	-135.941700	0.270900	False
Chronic Pain & Mid-Early Vs No Pain & Mid-Late	-223.343400	0.001100	True
Chronic Pain & Mid-Late Vs No Pain & Early	236.788700	0.000300	True
Chronic Pain & Mid-Late Vs No Pain & Late	-177.679300	0.031400	True
Chronic Pain & Mid-Late Vs No Pain & Mid-Early	-23.228800	1.000000	False
Chronic Pain & Mid-Late Vs No Pain & Mid-Late	-110.630400	0.601200	False

factor	Meandiff	P-Adj	Reject
No Pain & Early Vs No Pain & Late	-414.468000	0.000000	True
No Pain & Early Vs No Pain & Mid-Early	-260.017500	0.000000	True
No Pain & Early Vs No Pain & Mid-Late	-347.419200	0.000000	True
No Pain & Late Vs No Pain & Mid-Early	154.450500	0.097700	False
No Pain & Late Vs No Pain & Mid-Late	67.048900	0.976500	False
No Pain & Mid-Early Vs No Pain & Mid-Late	-87.401700	0.858200	False

Learning Reaction Time: Context x Trial

Table 16.

factor	Meandiff	P-Adj	Reject
Loss Avoid & Early Vs Loss Avoid & Late	-461.453100	0.000000	True
Loss Avoid & Early Vs Loss Avoid & Mid-Early	-282.417400	0.000000	True
Loss Avoid & Early Vs Loss Avoid & Mid-Late	-395.046100	0.000000	True
Loss Avoid & Early Vs Reward & Early	-143.338000	0.000900	True
Loss Avoid & Early Vs Reward & Late	-558.966500	0.000000	True
Loss Avoid & Early Vs Reward & Mid-Early	-418.516600	0.000000	True
Loss Avoid & Early Vs Reward & Mid-Late	-498.696000	0.000000	True
Loss Avoid & Late Vs Loss Avoid & Mid-Early	179.035700	0.000000	True
Loss Avoid & Late Vs Loss Avoid & Mid-Late	66.407000	0.533500	False
Loss Avoid & Late Vs Reward & Early	318.115100	0.000000	True
Loss Avoid & Late Vs Reward & Late	-97.513400	0.088800	False
Loss Avoid & Late Vs Reward & Mid-Early	42.936400	0.918400	False
Loss Avoid & Late Vs Reward & Mid-Late	-37.242900	0.961100	False
Loss Avoid & Mid-Early Vs Loss Avoid & Mid-Late	-112.628600	0.024500	True
Loss Avoid & Mid-Early Vs Reward & Early	139.079400	0.001500	True
Loss Avoid & Mid-Early Vs Reward & Late	-276.549000	0.000000	True
Loss Avoid & Mid-Early Vs Reward & Mid-Early	-136.099200	0.002100	True
Loss Avoid & Mid-Early Vs Reward & Mid-Late	-216.278600	0.000000	True
Loss Avoid & Mid-Late Vs Reward & Early	251.708100	0.000000	True
Loss Avoid & Mid-Late Vs Reward & Late	-163.920400	0.000100	True
Loss Avoid & Mid-Late Vs Reward & Mid-Early	-23.470600	0.997500	False
Loss Avoid & Mid-Late Vs Reward & Mid-Late	-103.649900	0.054300	False
Reward & Early Vs Reward & Late	-415.628400	0.000000	True
Reward & Early Vs Reward & Mid-Early	-275.178600	0.000000	True
Reward & Early Vs Reward & Mid-Late	-355.358000	0.000000	True
Reward & Late Vs Reward & Mid-Early	140.449800	0.001200	True
Reward & Late Vs Reward & Mid-Late	60.270400	0.655900	False
Reward & Mid-Early Vs Reward & Mid-Late	-80.179400	0.280400	False

Learning Reaction Time: Group x Context x Trial

Table 17.

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid & Early Vs Acute Pain & Loss Avoid & Late	-414.644000	0.000000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Loss Avoid & Mid-Early	-281.846500	0.005000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Loss Avoid & Mid-Late	-399.641800	0.000000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Early	-119.050400	0.983900	False
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Late	-507.502000	0.000000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Mid-Early	-381.323900	0.000000	True
Acute Pain & Loss Avoid & Early Vs Acute Pain & Reward & Mid-Late	-435.348000	0.000000	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Early	268.047800	0.003600	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Late	-227.684900	0.043800	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Early	-23.753800	1.000000	False
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Late	-156.682000	0.650300	False
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Early	131.899500	0.901300	False
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Late	-357.595500	0.000000	True
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Early	-184.751000	0.303300	False
Acute Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Late	-279.841200	0.001500	True
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Early	101.878700	0.993300	False
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Late	-360.056200	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Early	-172.349100	0.407700	False
Acute Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Late	-262.910900	0.003600	True
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Early	-64.539200	1.000000	False
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Late	-431.120700	0.000000	True
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Early	-310.581300	0.000100	True
Acute Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Late	-394.908600	0.000000	True
Acute Pain & Loss Avoid & Late Vs Acute Pain & Loss Avoid & Mid-Early	132.797500	0.945500	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Loss Avoid & Mid-Late	15.002100	1.000000	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Early	295.593600	0.002000	True
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Late	-92.858000	0.999500	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Mid-Early	33.320100	1.000000	False
Acute Pain & Loss Avoid & Late Vs Acute Pain & Reward & Mid-Late	-20.704100	1.000000	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Early	682.691800	0.000000	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Late	186.959100	0.280600	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Early	390.890200	0.000000	True
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Late	257.962000	0.007100	True
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Early	546.543500	0.000000	True
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Late	57.048500	1.000000	False
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Early	229.892900	0.038800	True
Acute Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Late	134.802700	0.880400	False
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Early	516.522700	0.000000	True
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Late	54.587700	1.000000	False
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Early	242.294900	0.014300	True
Acute Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Late	151.733100	0.676500	False
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Early	350.104800	0.000000	True
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Late	-16.476700	1.000000	False
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Early	104.062700	0.991100	False
Acute Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Late	19.735400	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Loss Avoid & Mid-Late	-117.795400	0.985900	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Early	162.796100	0.708200	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Late	-225.655500	0.104100	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Mid-Early	-99.477400	0.998600	False
Acute Pain & Loss Avoid & Mid-Early Vs Acute Pain & Reward & Mid-Late	-153.501600	0.804700	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Early	549.894300	0.000000	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Late	54.161600	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Early	258.092700	0.007000	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Late	125.164500	0.940000	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Early	413.746000	0.000000	True
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Late	-75.749000	0.999900	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Early	97.095400	0.997300	False
Acute Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Late	2.005200	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Early	383.725200	0.000000	True
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Late	-78.209800	0.999900	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	109.497400	0.983200	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	18.935600	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Early	217.307300	0.061200	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Late	-149.274300	0.707200	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Early	-28.734800	1.000000	False
Acute Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Late	-113.062100	0.975500	False
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Early	280.591500	0.005400	True
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Late	-107.860100	0.995500	False
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Mid-Early	18.317900	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Acute Pain & Reward & Mid-Late	-35.706200	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Early	667.689700	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Late	171.957000	0.452900	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Early	375.888000	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Late	242.959900	0.018200	True
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Early	531.541400	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Late	42.046400	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Early	214.890800	0.085000	False
Acute Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Late	119.800600	0.962000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Early	501.520500	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Late	39.585600	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	227.292800	0.035300	True
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	136.731000	0.843000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Early	335.102700	0.000000	True
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Late	-31.478900	1.000000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Early	89.060600	0.999000	False
Acute Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Late	4.733200	1.000000	False
Acute Pain & Reward & Early Vs Acute Pain & Reward & Late	-388.451600	0.000000	True
Acute Pain & Reward & Early Vs Acute Pain & Reward & Mid-Early	-262.273500	0.016200	True
Acute Pain & Reward & Early Vs Acute Pain & Reward & Mid-Late	-316.297700	0.000500	True
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Early	387.098200	0.000000	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Late	-108.634500	0.987900	False
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Mid-Early	95.296600	0.997900	False
Acute Pain & Reward & Early Vs Chronic Pain & Loss Avoid & Mid-Late	-37.631600	1.000000	False
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Early	250.949900	0.011100	True
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Late	-238.545100	0.023700	True
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Early	-65.700700	1.000000	False
Acute Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Late	-160.790900	0.597500	False
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Early	220.929100	0.050400	False
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Late	-241.005900	0.015500	True
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Early	-53.298700	1.000000	False
Acute Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Late	-143.860500	0.770600	False
Acute Pain & Reward & Early Vs No Pain & Reward & Early	54.511200	1.000000	False
Acute Pain & Reward & Early Vs No Pain & Reward & Late	-312.070400	0.000100	True
Acute Pain & Reward & Early Vs No Pain & Reward & Mid-Early	-191.530900	0.205600	False
Acute Pain & Reward & Early Vs No Pain & Reward & Mid-Late	-275.858200	0.001400	True
Acute Pain & Reward & Late Vs Acute Pain & Reward & Mid-Early	126.178100	0.968400	False
Acute Pain & Reward & Late Vs Acute Pain & Reward & Mid-Late	72.153900	1.000000	False
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Early	775.549800	0.000000	True
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Late	279.817100	0.001600	True
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Mid-Early	483.748200	0.000000	True
Acute Pain & Reward & Late Vs Chronic Pain & Loss Avoid & Mid-Late	350.820000	0.000000	True
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Early	639.401500	0.000000	True
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Late	149.906500	0.733000	False
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Early	322.750900	0.000100	True
Acute Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Late	227.660700	0.043800	True
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Early	609.380700	0.000000	True
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Late	147.445700	0.729300	False
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Early	335.152900	0.000000	True
Acute Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Late	244.591100	0.012400	True
Acute Pain & Reward & Late Vs No Pain & Reward & Early	442.962800	0.000000	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Reward & Late Vs No Pain & Reward & Late	76.381300	0.999900	False
Acute Pain & Reward & Late Vs No Pain & Reward & Mid-Early	196.920700	0.163800	False
Acute Pain & Reward & Late Vs No Pain & Reward & Mid-Late	112.593400	0.976600	False
Acute Pain & Reward & Mid-Early Vs Acute Pain & Reward & Mid-Late	-54.024100	1.000000	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Early	649.371800	0.000000	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Late	153.639000	0.688300	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Early	357.570100	0.000000	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Late	224.641900	0.051600	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Early	513.223400	0.000000	True
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Late	23.728500	1.000000	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Mid-Early	196.572900	0.194100	False
Acute Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Mid-Late	101.482700	0.995000	False
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Early	483.202600	0.000000	True
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Late	21.267700	1.000000	False
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	208.974800	0.093700	False
Acute Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	118.413000	0.959000	False
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Early	316.784800	0.000100	True
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Late	-49.796800	1.000000	False
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Early	70.742600	1.000000	False
Acute Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Late	-13.584700	1.000000	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Early	703.395900	0.000000	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Late	207.663100	0.120000	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Early	411.594200	0.000000	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Loss Avoid & Mid-Late	278.666100	0.001700	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Early	567.247600	0.000000	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Late	77.752600	0.999900	False
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Mid-Early	250.597000	0.011300	True
Acute Pain & Reward & Mid-Late Vs Chronic Pain & Reward & Mid-Late	155.506800	0.665100	False
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Early	537.226700	0.000000	True
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Late	75.291800	0.999900	False

factor	Meandiff	P-Adj	Reject
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	262.999000	0.003600	True
Acute Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	172.437100	0.406600	False
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Early	370.808900	0.000000	True
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Late	4.227300	1.000000	False
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Early	124.766800	0.930200	False
Acute Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Late	40.439400	1.000000	False
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Late	-495.732700	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Early	-291.801700	0.000100	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Loss Avoid & Mid-Late	-424.729800	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Early	-136.148300	0.761300	False
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Late	-625.643300	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Early	-452.798900	0.000000	True
Chronic Pain & Loss Avoid & Early Vs Chronic Pain & Reward & Mid-Late	-547.889100	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Early	-166.169100	0.312100	False
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Late	-628.104100	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Early	-440.396900	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Late	-530.958700	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Early	-332.587000	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Late	-699.168600	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Early	-578.629100	0.000000	True
Chronic Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Late	-662.956500	0.000000	True
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Early	203.931100	0.063100	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Loss Avoid & Mid-Late	71.002900	0.999900	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Early	359.584400	0.000000	True
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Late	-129.910600	0.830600	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Early	42.933800	1.000000	False
Chronic Pain & Loss Avoid & Late Vs Chronic Pain & Reward & Mid-Late	-52.156400	1.000000	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Early	329.563600	0.000000	True
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Late	-132.371300	0.771300	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Early	55.335800	1.000000	False

factor	Meandiff	P-Adj	Reject
Chronic Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Late	-35.226000	1.000000	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Early	163.145700	0.349100	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Late	-203.435800	0.050200	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Early	-82.896400	0.998800	False
Chronic Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Late	-167.223700	0.299800	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Loss Avoid & Mid-Late	-132.928200	0.798500	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Early	155.653300	0.496600	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Late	-333.841600	0.000000	True
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Early	-160.997200	0.423300	False
Chronic Pain & Loss Avoid & Mid-Early Vs Chronic Pain & Reward & Mid-Late	-256.087400	0.001900	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Early	125.632500	0.845300	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Late	-336.302400	0.000000	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	-148.595300	0.549600	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	-239.157100	0.004500	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Early	-40.785300	1.000000	False
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Late	-407.366900	0.000000	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Early	-286.827500	0.000100	True
Chronic Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Late	-371.154800	0.000000	True
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Early	288.581500	0.000100	True
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Late	-200.913500	0.074500	False
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Early	-28.069100	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs Chronic Pain & Reward & Mid-Late	-123.159300	0.891200	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Early	258.560700	0.001000	True
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Late	-203.374300	0.050300	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	-15.667100	1.000000	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	-106.228900	0.969100	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Early	92.142800	0.994700	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Late	-274.438800	0.000200	True
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Early	-153.899300	0.473500	False
Chronic Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Late	-238.226600	0.004800	True

factor	Meandiff	P-Adj	Reject
Chronic Pain & Reward & Early Vs Chronic Pain & Reward & Late	-489.495000	0.000000	True
Chronic Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Early	-316.650600	0.000000	True
Chronic Pain & Reward & Early Vs Chronic Pain & Reward & Mid-Late	-411.740800	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Early	-30.020800	1.000000	False
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Late	-491.955800	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Early	-304.248600	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Loss Avoid & Mid-Late	-394.810400	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Reward & Early	-196.438700	0.075000	False
Chronic Pain & Reward & Early Vs No Pain & Reward & Late	-563.020200	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Reward & Mid-Early	-442.480800	0.000000	True
Chronic Pain & Reward & Early Vs No Pain & Reward & Mid-Late	-526.808100	0.000000	True
Chronic Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Early	172.844400	0.278600	False
Chronic Pain & Reward & Late Vs Chronic Pain & Reward & Mid-Late	77.754200	0.999700	False
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Early	459.474200	0.000000	True
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Late	-2.460800	1.000000	False
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Early	185.246400	0.135100	False
Chronic Pain & Reward & Late Vs No Pain & Loss Avoid & Mid-Late	94.684600	0.992300	False
Chronic Pain & Reward & Late Vs No Pain & Reward & Early	293.056300	0.000000	True
Chronic Pain & Reward & Late Vs No Pain & Reward & Late	-73.525300	0.999800	False
Chronic Pain & Reward & Late Vs No Pain & Reward & Mid-Early	47.014200	1.000000	False
Chronic Pain & Reward & Late Vs No Pain & Reward & Mid-Late	-37.313200	1.000000	False
Chronic Pain & Reward & Mid-Early Vs Chronic Pain & Reward & Mid-Late	-95.090200	0.993900	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Early	286.629700	0.000100	True
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Late	-175.305200	0.214900	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Early	12.402000	1.000000	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	-78.159800	0.999500	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Early	120.211900	0.893300	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Late	-246.369700	0.002600	True
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Early	-125.830200	0.843400	False
Chronic Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Late	-210.157600	0.033300	True

factor	Meandiff	P-Adj	Reject
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Early	381.719900	0.000000	True
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Late	-80.215000	0.999300	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Early	107.492200	0.964800	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Loss Avoid & Mid-Late	16.930400	1.000000	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Early	215.302100	0.024000	True
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Late	-151.279500	0.510900	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Early	-30.740000	1.000000	False
Chronic Pain & Reward & Mid-Late Vs No Pain & Reward & Mid-Late	-115.067400	0.928900	False
No Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Late	-461.934900	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Early	-274.227800	0.000100	True
No Pain & Loss Avoid & Early Vs No Pain & Loss Avoid & Mid-Late	-364.789600	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Reward & Early	-166.417900	0.265500	False
No Pain & Loss Avoid & Early Vs No Pain & Reward & Late	-532.999400	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Early	-412.460000	0.000000	True
No Pain & Loss Avoid & Early Vs No Pain & Reward & Mid-Late	-496.787300	0.000000	True
No Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Early	187.707200	0.095100	False
No Pain & Loss Avoid & Late Vs No Pain & Loss Avoid & Mid-Late	97.145300	0.985800	False
No Pain & Loss Avoid & Late Vs No Pain & Reward & Early	295.517100	0.000000	True
No Pain & Loss Avoid & Late Vs No Pain & Reward & Late	-71.064500	0.999900	False
No Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Early	49.475000	1.000000	False
No Pain & Loss Avoid & Late Vs No Pain & Reward & Mid-Late	-34.852400	1.000000	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Loss Avoid & Mid-Late	-90.561800	0.994200	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Early	107.809900	0.953500	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Late	-258.771600	0.000600	True
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Early	-138.232200	0.651900	False
No Pain & Loss Avoid & Mid-Early Vs No Pain & Reward & Mid-Late	-222.559500	0.010300	True
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Early	198.371700	0.051500	False
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Late	-168.209800	0.246200	False
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Early	-47.670400	1.000000	False
No Pain & Loss Avoid & Mid-Late Vs No Pain & Reward & Mid-Late	-131.997700	0.737800	False

factor	Meandiff	P-Adj	Reject
No Pain & Reward & Early Vs No Pain & Reward & Late	-366.581600	0.000000	True
No Pain & Reward & Early Vs No Pain & Reward & Mid-Early	-246.042100	0.001700	True
No Pain & Reward & Early Vs No Pain & Reward & Mid-Late	-330.369500	0.000000	True
No Pain & Reward & Late Vs No Pain & Reward & Mid-Early	120.539400	0.866900	False
No Pain & Reward & Late Vs No Pain & Reward & Mid-Late	36.212100	1.000000	False
No Pain & Reward & Mid-Early Vs No Pain & Reward & Mid-Late	-84.327300	0.997900	False

Transfer Accuracy

Table 18.

factor	Meandiff	P-Adj	Reject
Acute Pain & High Punish Vs Acute Pain & High Reward	60.392900	0.000000	True
Acute Pain & High Punish Vs Acute Pain & Low Punish	30.494400	0.000000	True
Acute Pain & High Punish Vs Acute Pain & Low Reward	31.846300	0.000000	True
Acute Pain & High Punish Vs Acute Pain & Novel	10.620900	0.001800	True
Acute Pain & High Punish Vs Chronic Pain & High Punish	-5.077000	0.668600	False
Acute Pain & High Punish Vs Chronic Pain & High Reward	64.043800	0.000000	True
Acute Pain & High Punish Vs Chronic Pain & Low Punish	29.324000	0.000000	True
Acute Pain & High Punish Vs Chronic Pain & Low Reward	31.962500	0.000000	True
Acute Pain & High Punish Vs Chronic Pain & Novel	15.072400	0.000000	True
Acute Pain & High Punish Vs No Pain & High Punish	-6.849800	0.147700	False
Acute Pain & High Punish Vs No Pain & High Reward	63.252700	0.000000	True
Acute Pain & High Punish Vs No Pain & Low Punish	25.253700	0.000000	True
Acute Pain & High Punish Vs No Pain & Low Reward	37.569000	0.000000	True
Acute Pain & High Punish Vs No Pain & Novel	16.893500	0.000000	True
Acute Pain & High Reward Vs Acute Pain & Low Punish	-29.898400	0.000000	True
Acute Pain & High Reward Vs Acute Pain & Low Reward	-28.546600	0.000000	True
Acute Pain & High Reward Vs Acute Pain & Novel	-49.772000	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & High Punish	-65.469800	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & High Reward	3.650900	0.963200	False
Acute Pain & High Reward Vs Chronic Pain & Low Punish	-31.068900	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & Low Reward	-28.430400	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & Novel	-45.320500	0.000000	True
Acute Pain & High Reward Vs No Pain & High Punish	-67.242700	0.000000	True
Acute Pain & High Reward Vs No Pain & High Reward	2.859800	0.995500	False
Acute Pain & High Reward Vs No Pain & Low Punish	-35.139200	0.000000	True
Acute Pain & High Reward Vs No Pain & Low Reward	-22.823800	0.000000	True
Acute Pain & High Reward Vs No Pain & Novel	-43.499400	0.000000	True
Acute Pain & Low Punish Vs Acute Pain & Low Reward	1.351900	1.000000	False
Acute Pain & Low Punish Vs Acute Pain & Novel	-19.873600	0.000000	True
Acute Pain & Low Punish Vs Chronic Pain & High Punish	-35.571400	0.000000	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Low Punish Vs Chronic Pain & High Reward	33.549300	0.000000	True
Acute Pain & Low Punish Vs Chronic Pain & Low Punish	-1.170500	1.000000	False
Acute Pain & Low Punish Vs Chronic Pain & Low Reward	1.468000	1.000000	False
Acute Pain & Low Punish Vs Chronic Pain & Novel	-15.422100	0.000000	True
Acute Pain & Low Punish Vs No Pain & High Punish	-37.344300	0.000000	True
Acute Pain & Low Punish Vs No Pain & High Reward	32.758300	0.000000	True
Acute Pain & Low Punish Vs No Pain & Low Punish	-5.240800	0.584300	False
Acute Pain & Low Punish Vs No Pain & Low Reward	7.074600	0.113800	False
Acute Pain & Low Punish Vs No Pain & Novel	-13.601000	0.000000	True
Acute Pain & Low Reward Vs Acute Pain & Novel	-21.225400	0.000000	True
Acute Pain & Low Reward Vs Chronic Pain & High Punish	-36.923300	0.000000	True
Acute Pain & Low Reward Vs Chronic Pain & High Reward	32.197500	0.000000	True
Acute Pain & Low Reward Vs Chronic Pain & Low Punish	-2.522300	0.999000	False
Acute Pain & Low Reward Vs Chronic Pain & Low Reward	0.116200	1.000000	False
Acute Pain & Low Reward Vs Chronic Pain & Novel	-16.773900	0.000000	True
Acute Pain & Low Reward Vs No Pain & High Punish	-38.696200	0.000000	True
Acute Pain & Low Reward Vs No Pain & High Reward	31.406400	0.000000	True
Acute Pain & Low Reward Vs No Pain & Low Punish	-6.592600	0.195300	False
Acute Pain & Low Reward Vs No Pain & Low Reward	5.722700	0.425800	False
Acute Pain & Low Reward Vs No Pain & Novel	-14.952800	0.000000	True
Acute Pain & Novel Vs Chronic Pain & High Punish	-15.697800	0.000000	True
Acute Pain & Novel Vs Chronic Pain & High Reward	53.422900	0.000000	True
Acute Pain & Novel Vs Chronic Pain & Low Punish	18.703100	0.000000	True
Acute Pain & Novel Vs Chronic Pain & Low Reward	21.341600	0.000000	True
Acute Pain & Novel Vs Chronic Pain & Novel	4.451500	0.840700	False
Acute Pain & Novel Vs No Pain & High Punish	-17.470700	0.000000	True
Acute Pain & Novel Vs No Pain & High Reward	52.631800	0.000000	True
Acute Pain & Novel Vs No Pain & Low Punish	14.632800	0.000000	True
Acute Pain & Novel Vs No Pain & Low Reward	26.948200	0.000000	True
Acute Pain & Novel Vs No Pain & Novel	6.272600	0.268200	False

factor	Meandiff	P-Adj	Reject
Chronic Pain & High Punish Vs Chronic Pain & High Reward	69.120700	0.000000	True
Chronic Pain & High Punish Vs Chronic Pain & Low Punish	34.400900	0.000000	True
Chronic Pain & High Punish Vs Chronic Pain & Low Reward	37.039400	0.000000	True
Chronic Pain & High Punish Vs Chronic Pain & Novel	20.149300	0.000000	True
Chronic Pain & High Punish Vs No Pain & High Punish	-1.772900	0.999900	False
Chronic Pain & High Punish Vs No Pain & High Reward	68.329700	0.000000	True
Chronic Pain & High Punish Vs No Pain & Low Punish	30.330600	0.000000	True
Chronic Pain & High Punish Vs No Pain & Low Reward	42.646000	0.000000	True
Chronic Pain & High Punish Vs No Pain & Novel	21.970400	0.000000	True
Chronic Pain & High Reward Vs Chronic Pain & Low Punish	-34.719800	0.000000	True
Chronic Pain & High Reward Vs Chronic Pain & Low Reward	-32.081300	0.000000	True
Chronic Pain & High Reward Vs Chronic Pain & Novel	-48.971400	0.000000	True
Chronic Pain & High Reward Vs No Pain & High Punish	-70.893600	0.000000	True
Chronic Pain & High Reward Vs No Pain & High Reward	-0.791100	1.000000	False
Chronic Pain & High Reward Vs No Pain & Low Punish	-38.790100	0.000000	True
Chronic Pain & High Reward Vs No Pain & Low Reward	-26.474700	0.000000	True
Chronic Pain & High Reward Vs No Pain & Novel	-47.150300	0.000000	True
Chronic Pain & Low Punish Vs Chronic Pain & Low Reward	2.638500	0.996300	False
Chronic Pain & Low Punish Vs Chronic Pain & Novel	-14.251600	0.000000	True
Chronic Pain & Low Punish Vs No Pain & High Punish	-36.173800	0.000000	True
Chronic Pain & Low Punish Vs No Pain & High Reward	33.928700	0.000000	True
Chronic Pain & Low Punish Vs No Pain & Low Punish	-4.070300	0.828300	False
Chronic Pain & Low Punish Vs No Pain & Low Reward	8.245100	0.007200	True
Chronic Pain & Low Punish Vs No Pain & Novel	-12.430500	0.000000	True
Chronic Pain & Low Reward Vs Chronic Pain & Novel	-16.890100	0.000000	True
Chronic Pain & Low Reward Vs No Pain & High Punish	-38.812300	0.000000	True
Chronic Pain & Low Reward Vs No Pain & High Reward	31.290200	0.000000	True
Chronic Pain & Low Reward Vs No Pain & Low Punish	-6.708800	0.087500	False
Chronic Pain & Low Reward Vs No Pain & Low Reward	5.606500	0.316200	False
Chronic Pain & Low Reward Vs No Pain & Novel	-15.069000	0.000000	True

factor	Meandiff	P-Adj	Reject
Chronic Pain & Novel Vs No Pain & High Punish	-21.922200	0.000000	True
Chronic Pain & Novel Vs No Pain & High Reward	48.180400	0.000000	True
Chronic Pain & Novel Vs No Pain & Low Punish	10.181300	0.000100	True
Chronic Pain & Novel Vs No Pain & Low Reward	22.496700	0.000000	True
Chronic Pain & Novel Vs No Pain & Novel	1.821100	0.999900	False
No Pain & High Punish Vs No Pain & High Reward	70.102600	0.000000	True
No Pain & High Punish Vs No Pain & Low Punish	32.103500	0.000000	True
No Pain & High Punish Vs No Pain & Low Reward	44.418900	0.000000	True
No Pain & High Punish Vs No Pain & Novel	23.743300	0.000000	True
No Pain & High Reward Vs No Pain & Low Punish	-37.999000	0.000000	True
No Pain & High Reward Vs No Pain & Low Reward	-25.683700	0.000000	True
No Pain & High Reward Vs No Pain & Novel	-46.359200	0.000000	True
No Pain & Low Punish Vs No Pain & Low Reward	12.315400	0.000000	True
No Pain & Low Punish Vs No Pain & Novel	-8.360200	0.004000	True
No Pain & Low Reward Vs No Pain & Novel	-20.675600	0.000000	True

Transfer Reaction Time

Table 19.

factor	Meandiff	P-Adj	Reject
Acute Pain & High Punish Vs Acute Pain & High Reward	-165.240900	0.213200	False
Acute Pain & High Punish Vs Acute Pain & Low Punish	-22.294700	1.000000	False
Acute Pain & High Punish Vs Acute Pain & Low Reward	-17.817900	1.000000	False
Acute Pain & High Punish Vs Acute Pain & Novel	84.032700	0.981600	False
Acute Pain & High Punish Vs Chronic Pain & High Punish	195.179900	0.024900	True
Acute Pain & High Punish Vs Chronic Pain & High Reward	-66.864100	0.996200	False
Acute Pain & High Punish Vs Chronic Pain & Low Punish	118.998700	0.659000	False
Acute Pain & High Punish Vs Chronic Pain & Low Reward	136.396900	0.418500	False
Acute Pain & High Punish Vs Chronic Pain & Novel	210.014000	0.008700	True
Acute Pain & High Punish Vs No Pain & High Punish	166.627400	0.113000	False
Acute Pain & High Punish Vs No Pain & High Reward	-166.375100	0.105400	False
Acute Pain & High Punish Vs No Pain & Low Punish	68.703800	0.993900	False
Acute Pain & High Punish Vs No Pain & Low Reward	-0.521400	1.000000	False
Acute Pain & High Punish Vs No Pain & Novel	101.949500	0.841200	False
Acute Pain & High Reward Vs Acute Pain & Low Punish	142.946100	0.439500	False
Acute Pain & High Reward Vs Acute Pain & Low Reward	147.422900	0.383900	False
Acute Pain & High Reward Vs Acute Pain & Novel	249.273600	0.001300	True
Acute Pain & High Reward Vs Chronic Pain & High Punish	360.420700	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & High Reward	98.376700	0.879700	False
Acute Pain & High Reward Vs Chronic Pain & Low Punish	284.239500	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & Low Reward	301.637700	0.000000	True
Acute Pain & High Reward Vs Chronic Pain & Novel	375.254800	0.000000	True
Acute Pain & High Reward Vs No Pain & High Punish	331.868200	0.000000	True
Acute Pain & High Reward Vs No Pain & High Reward	-1.134300	1.000000	False
Acute Pain & High Reward Vs No Pain & Low Punish	233.944600	0.000800	True
Acute Pain & High Reward Vs No Pain & Low Reward	164.719400	0.104900	False
Acute Pain & High Reward Vs No Pain & Novel	267.190400	0.000000	True
Acute Pain & Low Punish Vs Acute Pain & Low Reward	4.476800	1.000000	False
Acute Pain & Low Punish Vs Acute Pain & Novel	106.327400	0.872100	False
Acute Pain & Low Punish Vs Chronic Pain & High Punish	217.474600	0.004600	True

factor	Meandiff	P-Adj	Reject
Acute Pain & Low Punish Vs Chronic Pain & High Reward	-44.569400	1.000000	False
Acute Pain & Low Punish Vs Chronic Pain & Low Punish	141.293400	0.338100	False
Acute Pain & Low Punish Vs Chronic Pain & Low Reward	158.691600	0.164500	False
Acute Pain & Low Punish Vs Chronic Pain & Novel	232.308700	0.001300	True
Acute Pain & Low Punish Vs No Pain & High Punish	188.922100	0.028100	True
Acute Pain & Low Punish Vs No Pain & High Reward	-144.080400	0.274700	False
Acute Pain & Low Punish Vs No Pain & Low Punish	90.998500	0.921200	False
Acute Pain & Low Punish Vs No Pain & Low Reward	21.773300	1.000000	False
Acute Pain & Low Punish Vs No Pain & Novel	124.244200	0.538400	False
Acute Pain & Low Reward Vs Acute Pain & Novel	101.850600	0.905100	False
Acute Pain & Low Reward Vs Chronic Pain & High Punish	212.997800	0.006400	True
Acute Pain & Low Reward Vs Chronic Pain & High Reward	-49.046200	0.999900	False
Acute Pain & Low Reward Vs Chronic Pain & Low Punish	136.816600	0.394800	False
Acute Pain & Low Reward Vs Chronic Pain & Low Reward	154.214800	0.201500	False
Acute Pain & Low Reward Vs Chronic Pain & Novel	227.831900	0.001900	True
Acute Pain & Low Reward Vs No Pain & High Punish	184.445300	0.037300	True
Acute Pain & Low Reward Vs No Pain & High Reward	-148.557200	0.228000	False
Acute Pain & Low Reward Vs No Pain & Low Punish	86.521700	0.946500	False
Acute Pain & Low Reward Vs No Pain & Low Reward	17.296500	1.000000	False
Acute Pain & Low Reward Vs No Pain & Novel	119.767400	0.602900	False
Acute Pain & Novel Vs Chronic Pain & High Punish	111.147100	0.751100	False
Acute Pain & Novel Vs Chronic Pain & High Reward	-150.896900	0.232400	False
Acute Pain & Novel Vs Chronic Pain & Low Punish	34.966000	1.000000	False
Acute Pain & Novel Vs Chronic Pain & Low Reward	52.364200	0.999700	False
Acute Pain & Novel Vs Chronic Pain & Novel	125.981200	0.544100	False
Acute Pain & Novel Vs No Pain & High Punish	82.594600	0.966300	False
Acute Pain & Novel Vs No Pain & High Reward	-250.407900	0.000200	True
Acute Pain & Novel Vs No Pain & Low Punish	-15.328900	1.000000	False
Acute Pain & Novel Vs No Pain & Low Reward	-84.554200	0.955600	False
Acute Pain & Novel Vs No Pain & Novel	17.916800	1.000000	False

factor	Meandiff	P-Adj	Reject
Chronic Pain & High Punish Vs Chronic Pain & High Reward	-262.044000	0.000000	True
Chronic Pain & High Punish Vs Chronic Pain & Low Punish	-76.181200	0.970300	False
Chronic Pain & High Punish Vs Chronic Pain & Low Reward	-58.783000	0.997600	False
Chronic Pain & High Punish Vs Chronic Pain & Novel	14.834100	1.000000	False
Chronic Pain & High Punish Vs No Pain & High Punish	-28.552500	1.000000	False
Chronic Pain & High Punish Vs No Pain & High Reward	-361.555000	0.000000	True
Chronic Pain & High Punish Vs No Pain & Low Punish	-126.476100	0.362200	False
Chronic Pain & High Punish Vs No Pain & Low Reward	-195.701300	0.005000	True
Chronic Pain & High Punish Vs No Pain & Novel	-93.230400	0.842100	False
Chronic Pain & High Reward Vs Chronic Pain & Low Punish	185.862800	0.013900	True
Chronic Pain & High Reward Vs Chronic Pain & Low Reward	203.261000	0.003500	True
Chronic Pain & High Reward Vs Chronic Pain & Novel	276.878100	0.000000	True
Chronic Pain & High Reward Vs No Pain & High Punish	233.491500	0.000200	True
Chronic Pain & High Reward Vs No Pain & High Reward	-99.511000	0.758400	False
Chronic Pain & High Reward Vs No Pain & Low Punish	135.567900	0.240800	False
Chronic Pain & High Reward Vs No Pain & Low Reward	66.342700	0.989300	False
Chronic Pain & High Reward Vs No Pain & Novel	168.813600	0.036300	True
Chronic Pain & Low Punish Vs Chronic Pain & Low Reward	17.398200	1.000000	False
Chronic Pain & Low Punish Vs Chronic Pain & Novel	91.015300	0.878300	False
Chronic Pain & Low Punish Vs No Pain & High Punish	47.628700	0.999700	False
Chronic Pain & Low Punish Vs No Pain & High Reward	-285.373800	0.000000	True
Chronic Pain & Low Punish Vs No Pain & Low Punish	-50.294900	0.999400	False
Chronic Pain & Low Punish Vs No Pain & Low Reward	-119.520100	0.455700	False
Chronic Pain & Low Punish Vs No Pain & Novel	-17.049200	1.000000	False
Chronic Pain & Low Reward Vs Chronic Pain & Novel	73.617100	0.977100	False
Chronic Pain & Low Reward Vs No Pain & High Punish	30.230500	1.000000	False
Chronic Pain & Low Reward Vs No Pain & High Reward	-302.772000	0.000000	True
Chronic Pain & Low Reward Vs No Pain & Low Punish	-67.693100	0.987000	False
Chronic Pain & Low Reward Vs No Pain & Low Reward	-136.918300	0.226200	False
Chronic Pain & Low Reward Vs No Pain & Novel	-34.447400	1.000000	False

factor	Meandiff	P-Adj	Reject
Chronic Pain & Novel Vs No Pain & High Punish	-43.386600	0.999900	False
Chronic Pain & Novel Vs No Pain & High Reward	-376.389100	0.000000	True
Chronic Pain & Novel Vs No Pain & Low Punish	-141.310200	0.182700	False
Chronic Pain & Novel Vs No Pain & Low Reward	-210.535400	0.001300	True
Chronic Pain & Novel Vs No Pain & Novel	-108.064400	0.637100	False
No Pain & High Punish Vs No Pain & High Reward	-333.002500	0.000000	True
No Pain & High Punish Vs No Pain & Low Punish	-97.923600	0.765300	False
No Pain & High Punish Vs No Pain & Low Reward	-167.148800	0.035200	True
No Pain & High Punish Vs No Pain & Novel	-64.677900	0.990800	False
No Pain & High Reward Vs No Pain & Low Punish	235.078900	0.000100	True
No Pain & High Reward Vs No Pain & Low Reward	165.853700	0.033400	True
No Pain & High Reward Vs No Pain & Novel	268.324700	0.000000	True
No Pain & Low Punish Vs No Pain & Low Reward	-69.225200	0.980300	False
No Pain & Low Punish Vs No Pain & Novel	33.245700	1.000000	False
No Pain & Low Reward Vs No Pain & Novel	102.471000	0.685700	False