

ALTERNATIVE - Fear Conditioning ALTIMPC_FEA_001

Parameters and Metadata

ALTERNATIVE - Conditioning Baseline Freeze Count ALTIMPC_FEA_001_001 | v1.0
simpleParameter

Req. Analysis: false Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - conditioning_baseline_freeze_count

ALTERNATIVE - Conditioning Baseline Freezing Time ALTIMPC_FEA_002_001 | v1.0
simpleParameter

Req. Analysis: false Req. Upload: true Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_baseline_freezing_time

ALTERNATIVE - Conditioning Baseline % Freezing Time ALTIMPC_FEA_003_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conditioning_baseline_freezing_time

Derivation: $\text{mul}(\text{div}(\text{'IMPC_FEA_002_001'}, \text{'IMPC_FEA_033_001'}), 100)$

ALTERNATIVE - Conditioning Baseline Average Motion Index

ALTIMPC_FEA_004_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_baseline_average_motion_index

ALTERNATIVE - Conditioning Baseline Minimum Motion Index

ALTIMPC_FEA_005_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_baseline_minimum_motion_index

ALTERNATIVE - Conditioning Baseline Maximum Motion Index

ALTIMPC_FEA_006_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - conditioning_baseline_maximum_motion_index

ALTERNATIVE - Context Freeze Count

ALTIMPC_FEA_007_001 | v1

.0

simpleParameter

Req. Analysis: false Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - context_freeze_count

ALTERNATIVE - Context Freezing Time

ALTIMPC_FEA_008_001 |

v1.0

simpleParameter

Req. Analysis: false Req. Upload: true Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - context_freezing_time

ALTERNATIVE - Context % Freezing Time ALTIMPC_FEA_009_001
| v1.1
simpleParameter

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Unit Measured: %

Description: ALTERNATIVE - context_freezing_time

Derivation: mul(div('IMPC_FEA_008_001', 'IMPC_FEA_049_001'), 100)

ALTERNATIVE - Context Average Motion Index ALTIMPC_FEA_010_001 | v1.0
simpleParameter

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Description: ALTERNATIVE - context_average_motion_index

ALTERNATIVE - Context Minimum Motion Index ALTIMPC_FEA_011_001 | v1.0
simpleParameter

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Description: ALTERNATIVE - context_minimum_motion_index

ALTERNATIVE - Context Maximum Motion Index ALTIMPC_FE

A_012_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - context_maximum_motion_index

ALTERNATIVE - Cue Baseline Freeze Count ALTIMPC_FEA_013

_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cue_baseline_freeze_count

ALTERNATIVE - Cue Baseline Freezing Time ALTIMPC_FEA_01

4_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - cue_baseline_freezing_time

ALTERNATIVE - Cue Baseline % Freezing Time ALTIMPC_FEA_015_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cue_baseline_freezing_time

Derivation: $\text{mul}(\text{div}(\text{'IMPC_FEA_014_001'}, \text{'IMPC_FEA_057_001'}), 100)$

ALTERNATIVE - Cue Baseline Average Motion Index ALTIMPC_FEA_016_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - cue_baseline_average_motion_index

ALTERNATIVE - Cue Baseline Minimum Motion Index ALTIMPC_FEA_017_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - cue_baseline_minimum_motion_index

ALTERNATIVE - Cue Baseline Maximum Motion Index ALTIMPC_FEA_018_001 | v1.0

simpleParameter

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Description: ALTERNATIVE - cue_baseline_maximum_motion_index

ALTERNATIVE - Cue Tone Freeze Count ALTIMPC_FEA_019_001 | v1.0

seriesParameter

Req. Analysis: false **Req. Upload:** true **Is Annotated:** false

Description: ALTERNATIVE - cue_tone_freeze_count

Increments: Minimum 1

ALTERNATIVE - Cue Tone Freezing Time ALTIMPC_FEA_020_001 | v1.0

seriesParameter

Req. Analysis: false **Req. Upload:** true **Is Annotated:** false

Unit Measured: s

Description: ALTERNATIVE - cue_tone_freezing_time

Increments: Minimum 1

ALTERNATIVE - Cue Tone % Freezing Time ALTIMPC_FEA_021_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cue_tone_freezing_time

Derivation:

$\text{mul}(\text{div}(\text{sumOfIncrements}(\text{'IMPC_FEA_020_001'}, 1), \text{'IMPC_FEA_060_001'}), 100)$

ALTERNATIVE - Cue Tone Average Motion Index ALTIMPC_FEA_022_001 | v1.0

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - cue_tone_average_motion_index

Increments: Minimum 1

ALTERNATIVE - Cue Tone Minimum Motion Index ALTIMPC_FEA_023_001 | v1.0

seriesParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - cue_tone_minimum_motion_index

Increments: Minimum 1

ALTERNATIVE - Cue Tone Maximum Motion Index ALTIMPC_FEA_024_001 | v1.0

seriesParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - cue_tone_maximum_motion_index

Increments: Minimum 1

ALTERNATIVE - Conditioning: Date and time ALTIMPC_FEA_025_001 | v1.0

procedureMetadata

Req. Analysis: false Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - conditioning_date_and_time

ALTERNATIVE - Conditioning: Room acclimation time ALTI

MPC_FEA_026_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: min

Description: ALTERNATIVE - conditioning_room_acclimation_time

Options: 30, 60,

ALTERNATIVE - Conditioning: White house light level in arena ALTIMPC_FEA_027_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: Lux

Description: ALTERNATIVE - conditioning_white_house_light_level_in_arena

Options: 26, 100, 200, 40,

ALTERNATIVE - Conditioning: Olfactory cue ALTIMPC_FEA_028_001 | v1.0

procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - conditioning_olfactory_cue

Options: Alcohol, None,

ALTERNATIVE - Conditioning: Mouse arena shape ALTIMPC_FEA_029_001 | v1.0

procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - conditioning_mouse_arena_shape

Options: Rectangle, Square,

ALTERNATIVE - Conditioning: Mouse arena dimension ALTIMPC_FEA_030_001 | v1.0

procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - conditioning_mouse_arena_dimension

Options: 30.5 L X 24.1 W X 24.5 H cm, 16.6 L X 17 W X 25 H cm, 25 L x 21 W x 19 H cm, 25 x 25 x 19 cm, 17 x 17 x 25 cm, 30.5 cm L X 24.1 cm W X 21 cm H,

ALTERNATIVE - Conditioning: Mouse arena colour ALTIMPC

_FEA_031_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - conditioning_mouse_arena_colour

Options: Metallic, White and Clear, Clear, White, Metallic, clear,

ALTERNATIVE - Conditioning: Mouse arena floor ALTIMPC_F

EA_032_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - conditioning_mouse_arena_floor

Options: Metal grill, Clean saw dust, Steel rods,

ALTERNATIVE - Conditioning: Length of time baseline ALTIMPC_FEA

MPC_FEA_033_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_length_of_time_baseline

Options: 240, 150, 120,

ALTERNATIVE - Conditioning: Tone stimulus intensity (dB; conditioned stimulus) ALTIMPC_FEA_034_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: dB

Description:

ALTERNATIVE - conditioning_tone_stimulus_intensity_db_conditioned_stimulus

Options: 85, 80, 75, 77, 70,

ALTERNATIVE - Conditioning: Tone stimulus frequency (Hz; conditioned stimulus) ALTIMPC_FEA_035_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: kHz

Description:

ALTERNATIVE - conditioning_tone_stimulus_frequency_hz_conditioned_stimulus

Options: 10, 2.8, 4, 2,

ALTERNATIVE - Conditioning: Length of time tone stimulus

ALTIMPC_FEA_036_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_length_of_time_tone_stimulus

Options: 20, 30,

ALTERNATIVE - Conditioning: Shock stimulus intensity (unconditioned stimulus)

ALTIMPC_FEA_037_001 | v1.1

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: mA

Description:

ALTERNATIVE - conditioning_shock_stimulus_intensity_unconditioned_stimulus

Options: 0.4, 0.5, 0.75,

ALTERNATIVE - Conditioning: Length of time shock stimulus

ALTIMPC_FEA_038_001 | v1.0

procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_length_of_time_shock_stimulus

Options: 0.5, 1, 2,

ALTERNATIVE - Conditioning: Length of time no stimulus

ALTIMPC_FEA_039_001 | v1.0

procedureMetadata

Req. Analysis: false Req. Upload: true Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_length_of_time_no_stimulus

Options: 120, 150,

ALTERNATIVE - Conditioning: Total time

ALTIMPC_FEA_040_001

| v1.0

procedureMetadata

Req. Analysis: false Req. Upload: true Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_total_time

Options: 380, 300,

ALTERNATIVE - Context: Date and time ALTIMPC_FEA_041_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - context_date_and_time

Options: Conditioning +24h,

ALTERNATIVE - Context: Room acclimation time ALTIMPC_FEA_042_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: min

Description: ALTERNATIVE - context_room_acclimation_time

Options: 30, 60,

ALTERNATIVE - Context: White house light level in arena

ALTIMPC_FEA_043_001 | v1.2

[procedure](#)[Metadata](#)

Req. Analysis: false Req. Upload: true Is Annotated: false

Unit Measured: Lux

Description: ALTERNATIVE - context_white_house_light_level_in_arena

Options: 26, 100, 200, 40,

ALTERNATIVE - Context: Olfactory cue

ALTIMPC_FEA_044_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - context_olfactory_cue

Options: Alcohol, None,

ALTERNATIVE - Context: Mouse arena shape

ALTIMPC_FEA_045_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - context_mouse_arena_shape

Options: Rectangle, Square,

ALTERNATIVE - Context: Mouse arena dimension ALTIMPC_

FEA_046_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - context_mouse_arena_dimension

Options: 30.5 cm L X 24.1 cm W X 24.5 cm H, 16.6 cm L X 17 cm W X 25 cm H,
25 L x 21 W x 19 H cm, 25 x 25 x 19 cm, 17 x 17 x 25 cm,
30.5 cm L X 24.1 cm W X 21 cm H,

ALTERNATIVE - Context: Mouse arena colour ALTIMPC_FEA_0

47_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - context_mouse_arena_colour

Options: Metallic, White and Clear, Clear, White, Metallic, clear,

ALTERNATIVE - Context: Mouse arena floor ALTIMPC_FEA_048
_001 | v1.0

procedureMetadata

Req. Analysis: true **Req. Upload:** true **Is Annotated:** false

Description: ALTERNATIVE - context_mouse_arena_floor

Options: Metal grill, Steel rods,

ALTERNATIVE - Context: Total time ALTIMPC_FEA_049_001 | v1.0

procedureMetadata

Req. Analysis: true **Req. Upload:** true **Is Annotated:** false

Unit Measured: s

Description: ALTERNATIVE - context_total_time

Options: 360, 300,

ALTERNATIVE - Cue: Date and time ALTIMPC_FEA_050_001 | v1.0

procedureMetadata

Req. Analysis: false **Req. Upload:** true **Is Annotated:** false

Description: ALTERNATIVE - cue_date_and_time

Options: Context + 2-4h, Context + 4h, Context + 24h,

ALTERNATIVE - Cue: White house light level in arena ALTI

MPC_FEA_051_001 | v1.1

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: Lux

Description: ALTERNATIVE - cue_white_house_light_level_in_arena

Options: 0, 16, 14-18,

ALTERNATIVE - Cue: Olfactory cue ALTIMPC_FEA_052_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cue_olfactory_cue

Options: 5% acetic acid, Vanillin, Cinnamon,

ALTERNATIVE - Cue: Mouse arena shape ALTIMPC_FEA_053_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - cue_mouse_arena_shape

Options: A frame ceiling, Cylinder, Rectangle,

ALTERNATIVE - Cue: Mouse arena dimension ALTIMPC_FEA_054_001 | v1.0
procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - cue_mouse_arena_dimension

Options: 30.5 cm L X 24.1 cm W X 24.5cm H, 20 cm dia X 30 cm H, 25 L x 21 W x 19 H cm, 25 x 25 x 19 cm, 17 x 17 x 25 cm, 30.5 cm L X 24.1 cm W X 21 cm H,

ALTERNATIVE - Cue: Mouse arena colour ALTIMPC_FEA_055_001 | v1.0
procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - cue_mouse_arena_colour

Options: Black and white, Red, Clear, Beige, black and white,

ALTERNATIVE - Cue: Mouse arena floor ALTIMPC_FEA_056_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cue_mouse_arena_floor

Options: PVC, Plexi glass, Polyethylene, Perspex,

ALTERNATIVE - Cue: Length of time baseline ALTIMPC_FEA_057_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - cue_length_of_time_baseline

Options: 120,

ALTERNATIVE - Cue: Tone stimulus intensity (conditioned stimulus) ALTIMPC_FEA_058_001 | v1.1

[procedure](#)[Metadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: dB

Description: ALTERNATIVE - cue_tone_stimulus_intensity_conditioned_stimulus

Options: 85, 80, 75, 77, 70,

ALTERNATIVE - Cue: Tone stimulus frequency (Hz; conditioned stimulus) ALTIMPC_FEA_059_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: kHz

Description: ALTERNATIVE - cue_tone_stimulus_frequency_hz_conditioned_stimulus

Options: 10, 2.8, 4, 2,

ALTERNATIVE - Cue: tone response measurement time ALTIMPC_FEA_060_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE -

Options: 120, 180,

ALTERNATIVE - Cue: Length of time no stimulus ALTIMPC_F

EA_061_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - cue_length_of_time_no_stimulus

Options: 120, 0, 220,

ALTERNATIVE - Cue: Total time ALTIMPC_FEA_062_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - cue_total_time

Options: 480, 300, 420, 240,

ALTERNATIVE - Mouse arenaID ALTIMPC_FEA_063_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - mouse_arenaid

Options: Arena 1, Arena 2, Arena 3, Arena 4, Arena 5, Arena 6, Arena 7, Arena 8,

ALTERNATIVE - Equipment ID ALTIMPC_FEA_064_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - equipment_id

Options: Machine A, Machine B, Machine 1, Machine 2,

ALTERNATIVE - Equipment Manufacturer ALTIMPC_FEA_065_001

| v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - equipment_manufacturer

Options: Med Assoicates, Ugo Basile, San Diego Instruments,

ALTERNATIVE - Equipment Model ALTIMPC_FEA_066_001 | v1.0

procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - equipment_model

Options: MED-FVC-SCT-M, Freeze monitor, FearCS Mouse-46152, MED-VFC2-SCT-M, 46000, MED-VFC-NIR-M SOP #1, MED-VFC-NIR-M SOP #2, MED-VFC-NIR-M SOP #3,

ALTERNATIVE - Tracking Method ALTIMPC_FEA_067_001 | v1.0
procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - tracking_method

Options: Video tracking, Beam break,

ALTERNATIVE - Software ALTIMPC_FEA_068_001 | v1.0
procedureMetadata

Req. Analysis: true Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - software

Options: Med Associates Video Freeze, Anymaze, Freeze Monitor,

ALTERNATIVE - Sound generator manufacturer ALTIMPC_FEA_069_001 | v1.0
procedureMetadata

Req. Analysis: false Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - sound_generator_manufacturer

Options: Med Associates, Ugo Basile, San Diego Instruments,

ALTERNATIVE - Sound generator model ALTIMPC_FEA_070_001 | v1.0
procedureMetadata

Req. Analysis: false Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - sound_generator_model

Options: VFC-100, other, 46000-165,

ALTERNATIVE - Sound-proof box dimension ALTIMPC_FEA_071_001 | v1.0
procedureMetadata

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - sound_proof_box_dimension

Options: 71 cm L X 63.5 cm W X 35.5 cm H, 71 cm L X 59.7 cm W X 31.7 cm H, other, 47 cm L X 35 cm W X 49 cm H,

ALTERNATIVE - Experimenter ID ALTIMPC_FEA_072_001 | v1.0

procedureMetadata

Req. Analysis: false **Req. Upload:** true **Is Annotated:** false

Description: ALTERNATIVE - experimenter_id

ALTERNATIVE - Experimenter ID day 2 ALTIMPC_FEA_073_001 | v1.0

procedureMetadata

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Description: ALTERNATIVE - experimenter_id_day_2

ALTERNATIVE - Experimenter ID day 2 cue ALTIMPC_FEA_074_001 | v1.0

procedureMetadata

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Description: ALTERNATIVE - experimenter_id_day_2_cue

ALTERNATIVE - Date equipment last calibrated (shock) AL

TIMPC_FEA_075_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - date_equipment_last_calibrated_shock

ALTERNATIVE - Date equipment last calibrated (tone) ALTI

MPC_FEA_076_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - date_equipment_last_calibrated_tone

ALTERNATIVE - Freeze definition ALTIMPC_FEA_077_001 | v1.1

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - freeze_definition

Options: 1, 2, 0.25,

ALTERNATIVE - Conditioning: Near infra red light arena AL

TIMPC_FEA_078_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_near_infra_red_light_arena

Options: On,

ALTERNATIVE - Context: Near infra red light arena ALTIMPC

_FEA_079_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - context_near_infra_red_light_arena

Options: On,

ALTERNATIVE - Cue: Near infra red light arena ALTIMPC_FEA

_080_001 | v1.0

procedureMetadata

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - cue_near_infra_red_light_arena

Options: On,

ALTERNATIVE - Conditioning: Start time of baseline ALTIMPC_FEA_081_001 | v1.0

procedureMetadata

Req. Analysis: false Req. Upload: false Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_start_time_of_baseline

ALTERNATIVE - Conditioning: Start time of each tone stimulus ALTIMPC_FEA_082_001 | v1.0

procedureMetadata

Req. Analysis: false Req. Upload: false Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_start_time_of_each_tone_stimulus

ALTERNATIVE - Conditioning: Start time of each shock stimulus

ALTIMPC_FEA_083_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_start_time_of_each_shock_stimulus

ALTERNATIVE - Conditioning: Start time of no stimulus

ALTIMPC_FEA_084_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_start_time_of_no_stimulus

ALTERNATIVE - Cue: Start time of baseline

ALTIMPC_FEA_085_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - cue_start_time_of_baseline

ALTERNATIVE - Cue: Start time of each tone stimulus ALTIMPC_FEA_086_001 | v1.0
[procedureMetadata](#)

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Unit Measured: s

Description: ALTERNATIVE - cue_start_time_of_each_tone_stimulus

ALTERNATIVE - Cue: Start time of no stimulus ALTIMPC_FEA_087_001 | v1.0
[procedureMetadata](#)

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Unit Measured: s

Description: ALTERNATIVE - cue_start_time_of_no_stimulus

ALTERNATIVE - Cue: arena rotation ALTIMPC_FEA_088_001 | v1.0
[procedureMetadata](#)

Req. Analysis: false **Req. Upload:** false **Is Annotated:** false

Description: ALTERNATIVE - cue_arena_rotation

Options: 90 degrees,

ALTERNATIVE - Conditioning Tone Freeze Count ALTIMPC_F

EA_089_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_tone_freeze_count

ALTERNATIVE - Conditioning Tone Freezing Time ALTIMPC_

FEA_090_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_tone_freezing_time

ALTERNATIVE - Conditioning Tone % Freezing Time ALTIM

PC_FEA_091_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conditioning_tone_freezing_time

Derivation: $\text{mul}(\text{div}(\text{'IMPC_FEA_090_001'}, \text{'IMPC_FEA_036_001'}), 100)$

ALTERNATIVE - Conditioning Tone Average Motion Index

ALTIMPC_FEA_092_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_tone_average_motion_index

ALTERNATIVE - Conditioning Tone Minimum Motion Index

ALTIMPC_FEA_093_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_tone_minimum_motion_index

ALTERNATIVE - Conditioning Tone Maximum Motion Index ALTIMPC_FEA_094_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - conditioning_tone_maximum_motion_index

ALTERNATIVE - Conditioning Shock Average Motion Index ALTIMPC_FEA_095_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - conditioning_shock_average_motion_index

ALTERNATIVE - Conditioning Shock Minimum Motion Index ALTIMPC_FEA_096_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - conditioning_shock_minimum_motion_index

ALTERNATIVE - Conditioning Shock Maximum Motion Index

ALTIMPC_FEA_097_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: false Is Annotated: false

Description: ALTERNATIVE - conditioning_shock_maximum_motion_index

ALTERNATIVE - Conditioning Post-shock Freeze Count

AL

TIMPC_FEA_098_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: true Is Annotated: false

Description: ALTERNATIVE - conditioning_post_shock_freeze_count

ALTERNATIVE - Conditioning Post-shock Freezing Time

A

LTIMPC_FEA_099_001 | v1.0

simpleParameter

Req. Analysis: false Req. Upload: true Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - conditioning_post_shock_freezing_time

ALTERNATIVE - Conditioning Post-shock % Freezing Time

ALTIMPC_FEA_100_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conditioning_post_shock_freezing_time

Derivation: $\text{mul}(\text{div}(\text{'IMPC_FEA_099_001'}, \text{'IMPC_FEA_039_001'}), 100)$

ALTERNATIVE - Conditioning Post-shock Average Motion Index

ALTIMPC_FEA_101_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_post_shock_average_motion_index

ALTERNATIVE - Conditioning Post-shock Minimum Motion Index

ALTIMPC_FEA_102_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_post_shock_minimum_motion_index

ALTERNATIVE - Conditioning Post-shock Maximum Motion Index

ALTIMPC_FEA_103_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - conditioning_post_shock_maximum_motion_index

ALTERNATIVE - Freeze definition (minimum motion index)

ALTIMPC_FEA_104_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - freeze_definition_minimum_motion_index

Options: 18, 30,

ALTERNATIVE - Difference in Context and Conditioning Baseline % Freezing

ALTIMPC_FEA_105_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Derivation:

sub(mul(div('IMPC_FEA_008_001', 'IMPC_FEA_049_001'), 100), mul(div('IMPC_FEA_002_001', 'IMPC_FEA_033_001'), 100))

ALTERNATIVE - Difference in Cue Tone and Cue Baseline % Freezing

ALTIMPC_FEA_106_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Derivation:

sub(mul(div('IMPC_FEA_020_001', 'IMPC_FEA_060_001'), 100), mul(div('IMPC_FEA_014_001', 'IMPC_FEA_057_001'), 100))

ALTERNATIVE - Difference in Conditioning Post-shock and Conditioning Baseline % Freezing

ALTIMPC_FEA_107_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Derivation:

sub(mul(div('IMPC_FEA_099_001', 'IMPC_FEA_039_001'), 100), mul(div('IMPC_FEA_002_001', 'IMPC_FEA_033_001'), 100))

ALTERNATIVE - Cue: Length of time tone stimulus ALTIMPC

_FEA_108_001 | v1.0

procedureMetadata

Req. Analysis: true **Req. Upload:** false **Is Annotated:** false

Unit Measured: s

Description: ALTERNATIVE -

Options: 20, 120,
