

ALTERNATIVE - Fear Conditioning ALTBCMLA_FEA_001

Parameters and Metadata

ALTERNATIVE - Conditioning Baseline Freeze Count ALTBC

MLA_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 ALTB

CMLA_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 A

LTBCMLA_FEA_003_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - conditioning_baseline_freezing_time

Derivation: mul(div('BCMLA_FEA_002_001', 'BCMLA_FEA_033_001'), 100)

ALTERNATIVE - Conditioning Baseline Average Motion Index

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_FEA_007_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - context_freeze_count

ALTERNATIVE - Context Freezing Time

ALTBCMLA_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 ALTBCMLA_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('BCMLA_FEA_008_001', 'BCMLA_FEA_049_001'), 100)

ALTERNATIVE - Context Average Motion Index ALTBCMLA_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 ALTBCMLA_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 ALTBCMLA_

FEA_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 ALTBCMLA_FEA_0

13_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cue_baseline_freeze_count

ALTERNATIVE - Cue Baseline Freezing Time ALTBCMLA_FEA_

014_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 ALTBCMLA_FE

A_015_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cue_baseline_freezing_time

Derivation: $\text{mul}(\text{div}(\text{'BCMLA_FEA_014_001'}, \text{'BCMLA_FEA_057_001'}), 100)$

ALTERNATIVE - Cue Baseline Average Motion Index ALTBC

MLA_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 ALTB

CMLA_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 ALTB
CMLA_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 ALTBCMLA_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 ALTBCMLA_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 ALTBCMLA_FEA_021_001 | v1.1
simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - cue_tone_freezing_time

Derivation:
$$\text{mul}(\text{div}(\text{sumOfIncrements}(\text{'BCMLA_FEA_020_001'}, 1), \text{'BCMLA_FEA_060_001'}), 100)$$

ALTERNATIVE - Cue Tone Average Motion Index ALTBCMLA_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 ALTBCMLA
_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

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ALTERNATIVE - Cue Tone Maximum Motion Index ALTBCML
A_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

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ALTERNATIVE - Conditioning: Date and time ALTBCMLA_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 ALTB

CMLA_FEA_026_001 | v1.0

procedureMetadata

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 ALTBCMLA_FEA_027_001 | v1.0

procedureMetadata

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 ALTBCMLA_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 ALTBCML
A_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 ALT
BCMLA_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 ALTBCML

A_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 ALTBCMLA_

FEA_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 ALT

BCMLA_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) ALTBCMLA_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,

ALTERNATIVE - Conditioning: Tone stimulus frequency (Hz; conditioned stimulus) ALTBCMLA_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,

ALTERNATIVE - Conditioning: Length of time tone stimulus

ALTBCMLA_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)

ALTBCMLA_FEA_037_001 | v1.0

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

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_FEA_040_0

01 | 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 ALTBCMLA_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 ALTBCMLA_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

ALTBCMLA_FEA_043_001 | v1.0

[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 ALTBCMLA_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 ALTBCMLA_FEA_045_001 | v1.0

| 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 ALTBCMLA

_FEA_046_001 | v1.0

[procedureMetadata](#)

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 ALTBCMLA_FEA

_047_001 | v1.0

[procedureMetadata](#)

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 ALTBCMLA_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 ALTBCMLA_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 ALTBCMLA_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 ALTB

CMLA_FEA_051_001 | v1.0

[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,

ALTERNATIVE - Cue: Olfactory cue ALTBCMLA_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 ALTBCMLA_FEA_053_

001 | v1.0

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

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 ALTBCMLA_FEA

_054_001 | v1.0

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

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 ALTBCMLA_FEA_055_

001 | v1.0

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

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 ALTBCMLA_FEA_056_001
| v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cue_mouse_arena_floor

Options: PVC, Plexi glass, Polyethylene,

ALTERNATIVE - Cue: Length of time baseline ALTBCMLA_FEA_057_001 | v1.0

[procedureMetadata](#)

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) ALTBCMLA_FEA_058_001 | v1.0

procedureMetadata

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,

ALTERNATIVE - Cue: Tone stimulus frequency (Hz; conditioned stimulus) ALTBCMLA_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,

ALTERNATIVE - Cue: tone response measurement time ALTBCMLA_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 ALTBCMLA_

FEA_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,

ALTERNATIVE - Cue: Total time ALTBCMLA_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, 240,

ALTERNATIVE - Mouse arenaID ALTBCMLA_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 ALTBCMLA_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 ALTBCMLA_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 ALTBCMLA_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,

ALTERNATIVE - Tracking Method ALTBCMLA_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 ALTBCMLA_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 ALTBCMLA_F

EA_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 ALTBCMLA_FEA_070_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - sound_generator_model

Options: VFC-100, other,

ALTERNATIVE - Sound-proof box dimension ALTBCMLA_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,

ALTERNATIVE - Experimenter ID ALTBCMLA_FEA_072_001 | v1.0
procedureMetadata

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

Description: ALTERNATIVE - experimenter_id

ALTERNATIVE - Experimenter ID day 2 ALTBCMLA_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 ALTBCMLA_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
TBCMLA_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) ALTB
CMLA_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 ALTBCMLA_FEA_077_001 | v1.0

[procedureMetadata](#)

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

Unit Measured: s

Description: ALTERNATIVE - freeze_definition

Options: 1, 2,

ALTERNATIVE - Conditioning: Near infra red light arena AL

TBCMLA_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 ALTBCML

A_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 ALTBCMLA_FE

A_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 ALTBC
MLA_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 ALTBC
MLA_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 ALTBCMLA_FEA_083_001 | v1.0

procedureMetadata

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 AL
TBCMLA_FEA_084_001 | v1.0

procedureMetadata

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 ALTBCMLA_FEA_08
5_001 | v1.0

procedureMetadata

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 ALTB

CMLA_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 ALTBCMLA_FE

A_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 - Conditioning Tone Freezing Time ALTBCML

A_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 ALTBC

MLA_FEA_091_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conditioning_tone_freezing_time

Derivation: $\text{mul}(\text{div}(\text{'BCMLA_FEA_090_001'}, \text{'BCMLA_FEA_036_001'}), 100)$

ALTERNATIVE - Conditioning Tone Average Motion Index

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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

LTBCMLA_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

ALTBCMLA_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: $\text{mul}(\text{div}(\text{'BCMLA_FEA_099_001'}, \text{'BCMLA_FEA_039_001'}), 100)$

ALTERNATIVE - Conditioning Post-shock Average Motion Index

ALTBCMLA_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

ALTBCMLA_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

ALTBCMLA_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)

ALTBCMLA_FEA_104_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - freeze_definition_minimum_motion_index

Options: 18,

ALTERNATIVE - Difference in Context and Conditioning Baseline % Freezing

ALTBCMLA_FEA_105_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Derivation:

$$\text{sub}(\text{mul}(\text{div}(\text{'BCMLA_FEA_008_001'}, \text{'BCMLA_FEA_049_001'}), 100), \text{mul}(\text{div}(\text{'BCMLA_FEA_002_001'}, \text{'BCMLA_FEA_033_001'}), 100))$$

ALTERNATIVE - Difference in Cue Tone and Cue Baseline % Freezing

ALTBCMLA_FEA_106_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Derivation:

$$\text{sub}(\text{mul}(\text{div}(\text{'BCMLA_FEA_020_001'}, \text{'BCMLA_FEA_060_001'}), 100), \text{mul}(\text{div}(\text{'BCMLA_FEA_014_001'}, \text{'BCMLA_FEA_057_001'}), 100))$$

ALTERNATIVE - Difference in Conditioning Post-shock and Conditioning Baseline % Freezing ALTBCMLA_FEA_107_001 |

v1.0

simpleParameter

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

Description: ALTERNATIVE -

Derivation:
sub(mul(div('BCMLA_FEA_099_001', 'BCMLA_FEA_039_001'), 100), mul(div('BCMLA_FEA_002_001', 'BCMLA_FEA_033_001'), 100))

ALTERNATIVE - Cue: arena rotation ALTBCMLA_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 ALTBCMLA_FEA_089_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - conditioning_tone_freeze_count

ALTERNATIVE - Cue: Length of time tone stimulus ALTBCML

A_FEA_108_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE -

Options: 20, 120,
