

ALTERNATIVE - Open Field - centre start A LTJAX_OFD_001

Parameters and Metadata

ALTERNATIVE - Distance travelled ALTJAX_OFD_005_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Number of Rears ALTJAX_OFD_006_001 | v1.1

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Whole arena resting time ALTJAX_OFD_007_001

| v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

ALTERNATIVE - Whole arena permanence ALTJAX_OFD_008_001

| v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

ALTERNATIVE - Whole arena average speed ALTJAX_OFD_009

_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm/s

Description: ALTERNATIVE - null

ALTERNATIVE - Periphery distance travelled ALTJAX_OFD_010

_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

ALTERNATIVE - Periphery resting time ALTJAX_OFD_011_001 | v1

.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

ALTERNATIVE - Periphery permanence time ALTJAX_OFD_012_

001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

ALTERNATIVE - Periphery average speed ALTJAX_OFD_013_001

| v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm/s

Description: ALTERNATIVE - null

ALTERNATIVE - Center distance travelled ALTJAX_OFD_014_001

| v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

ALTERNATIVE - Center resting time ALTJAX_OFD_015_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

ALTERNATIVE - Center permanence time ALTJAX_OFD_016_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

ALTERNATIVE - Center average speed ALTJAX_OFD_017_001 | v1 .0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm/s

Description: ALTERNATIVE - null

ALTERNATIVE - Latency to center entry ALTJAX_OFD_018_001 |

v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE -

ALTERNATIVE - Number of center entries ALTJAX_OFD_019_001

| v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Distance travelled - total ALTJAX_OFD_020_001

| v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

Derivation: sumOfIncrements('JAX_OFD_005_001', 4)

ALTERNATIVE - Number of rears - total ALTJAX_OFD_021_001 | v1

.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

Derivation: sumOfIncrements('JAX_OFD_006_001', 4)

ALTERNATIVE - Percentage center time ALTJAX_OFD_022_001 |

v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - null

Derivation: mul(div('JAX_OFD_016_001', 'JAX_OFD_008_001'), 100)

ALTERNATIVE - Equipment ID ALTJAX_OFD_023_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Equipment manufacturer ALTJAX_OFD_024_001

| v1.1

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

Options: Accuscan, Biobserve, Columbus Instruments, MED Associates Inc, Noldus, O'hara CO Ltd., Omnitech, Panlab, San Diego, TSE Systems,

ALTERNATIVE - Equipment model ALTJAX_OFD_025_001 | v1.0

[procedureMetadata](#)

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

Options: 2325-0248, ActiMot / MoTil, ActiMot / MoTil 480 x 480 mm, LE8822, MED-OFA-RS, Opto-Varimex 4, SuperFlex Fusion, TijmeOF9, Unknown, VMX 1.4b,

ALTERNATIVE - Central zone surface area ALTJAX_OFD_026_001

| v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: % of total area

Description: ALTERNATIVE - null

Options: 39, 40, 41, 42,

ALTERNATIVE - Light intensity in the centre of the arena A

LTJAX_OFD_027_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: Lux

Description: ALTERNATIVE - null

ALTERNATIVE - Number of animals per cage ALTJAX_OFD_028

_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Color of arena ALTJAX_OFD_029_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

Options: Black, Grey, Transparent, White, White (floor)/Dark grey(walls),

ALTERNATIVE - Height of the wall ALTJAX_OFD_030_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

ALTERNATIVE - Distance from light source: if direct illumination ALTJAX_OFD_031_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

ALTERNATIVE - Periphery zone ALTJAX_OFD_032_001 | v1.2

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

Options: 7.35, 7.5, 7.6, 7.9, 8, 9.39,

ALTERNATIVE - Type of analysis ALTJAX_OFD_033_001 | v1.1

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

Options: Video tracking, Wide beam break,

ALTERNATIVE - Arena Size ALTJAX_OFD_034_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

Options: 40.5x40.5, 40x40, 42x42, 43.2x43.2, 44.5x44.5, 44x44, 45x45, 50x50,

ALTERNATIVE - Experimenter ID ALTJAX_OFD_035_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Disinfectant ALTJAX_OFD_036_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Start Time ALTJAX_OFD_037_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Arena ID ALTJAX_OFD_038_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Software Version ALTJAX_OFD_039_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

Options: 06.15 / 07.01, Actitrack system, Activity Monitor V6.02, Activity Monitor V7.0.5.10, Ethovision XT v8.5, Fusion v6.5, Image OF, Opto-Varimex 4 AutoTrack System 4.97, Opto-Varimex AutoTrack 4.x, Opto-Varimex AutoTrack 5.x, TimeOFCR4, Topscan Lite, TSE ActiMot Vers. 08.00, Versamax 4.2, Viewer3,

ALTERNATIVE - Arena Material ALTJAX_OFD_040_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Date equipment last calibrated ALTJAX_OFD_041_001 | v1.2

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

ALTERNATIVE - Whole arena resting time series ALTJAX_OFD_001_001 | v1.1

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Whole arena average speed series ALTJAX_OFD_002_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm/s

Description: ALTERNATIVE - null

Increments: 20, 15, 10, 5,

ALTERNATIVE - Periphery distance travelled series ALTJAX_

OFD_003_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Periphery resting time series ALTJAX_OFD_00

4_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Periphery permanence time series ALTJAX_

OFD_042_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Periphery average speed series ALTJAX_OFD

_043_001 | v1.3

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm/s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Center distance travelled series ALTJAX_OFD

_044_001 | v1.3

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Center resting time series ALTJAX_OFD_045_001

| v1.3

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Center permanence time series ALTJAX_OFD

_046_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Center average speed series ALTJAX_OFD_04

7_001 | v1.2

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: cm/s

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Number of center entries series ALTJAX_OFD

_048_001 | v1.1

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - null

Increments: 5, 10, 15, 20,

ALTERNATIVE - Light beam barrier height (Z axis) ALTJAX_O

FD_049_001 | v1.1

procedureMetadata

Req. Analysis: true

Req. Upload: false

Is Annotated: false

Unit Measured: cm

Description:

ALTERNATIVE - height of the Z axis light beam used to determine when mouse is rearing

Options: 6.8, 7.5, 8.6,

ALTERNATIVE - Percentage center movement time ALTJAX_

OFD_050_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - percentage_center_movement_time

Derivation:

$\text{mul}(\text{div}(\text{sub}(\text{'JAX_OFD_016_001'}, \text{'JAX_OFD_015_001'}), \text{'JAX_OFD_008_001'}), 100)$

ALTERNATIVE - Resting definition threshold ALTJAX_OFD_051

_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description:

ALTERNATIVE - Parameter measuring how the equipment defines a 'resting' animal

Options: Stationary for > 1 second, Stationary for any time, Within grid for > 2 seconds,

ALTERNATIVE - Rearing definition threshold ALTJAX_OFD_052 _001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description:

ALTERNATIVE - Parameter measuring how the equipment defines a 'rearing' animal

Options: 1 second, No threshold,
