ALTERNATIVE - Y-maze ALTIMPC_YMZ_001

Parameters and Metadata

ALTERNATIVE - Latency to leave start arm ALTIMPC_YMZ_001_001 | v1.0

simpleParameter

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

Unit Measured: s

Description: ALTERNATIVE - latency_to_leave_start_arm

ALTERNATIVE - Total arm entries ALTIMPC_YMZ_002_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - total_arm_entries

ALTERNATIVE - Number of triplets ALTIMPC_YMZ_003_001 | v1.2

simpleParameter

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

Description: ALTERNATIVE - number_of_triplets

Derivation: ifElse(greaterThan('IMPC_YMZ_002_001', 1), sub('IMPC_YMZ_002_001', 2),0)

ALTERNATIVE - Number of spontaneous alternations ALTIMPC_YMZ_004_001 | v1.1

simpleParameter

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

Description: ALTERNATIVE - spontaneous_alternations

ALTERNATIVE - Alternation ratio per number of triplets ALTIMPC_YMZ_005_001 | v1.2

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - alternation_ratio

Derivation:
ifElse(greaterThan('IMPC_YMZ_002_001',4), mul(div('IMPC_YMZ_004_001', sub ('IMPC_YMZ_002_001', 2)), 100),'')

ALTERNATIVE - Number of alternate arm entries ALTIMPC_YMZ_006_001 | v1.1

simpleParameter

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

Description: ALTERNATIVE - alternate_arm_entries

ALTERNATIVE - Alternate arm entry ratio per number of triplets ALTIMPC_YMZ_007_001 | v1.3

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - alternate_arm_entry_ratio

Derivation:
ifElse(greaterThan('IMPC_YMZ_002_001',4), mul(div('IMPC_YMZ_006_001', sub ('IMPC_YMZ_002_001', 2)), 100),'')

ALTERNATIVE - Number of same arm entries by number of doublets ALTIMPC_YMZ_008_001 | v1.1

simpleParameter

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

Description: ALTERNATIVE - same_arm_entries

ALTERNATIVE - Same arm entry ratio per total arm entries ALTIMPC_YMZ_009_001 | v1.2

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - same_arm_entry_ratio

Derivation:
ifElse(greaterThan('IMPC_YMZ_002_001',4), mul(div('IMPC_YMZ_008_001', 'IMPC_YMZ_002_001'), 100),'')

ALTERNATIVE - Feacal boli (count) ALTIMPC_YMZ_010_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - feacal_boli_count

ALTERNATIVE - Acclimatisation time (minimum) ALTIMPC_YMZ_011_001 | v1.0

procedureMetadata

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

Unit Measured: min

Description: ALTERNATIVE - acclimatisation_time_minimum

Options: 15, 30, 60,

ALTERNATIVE - Arm dimensions ALTIMPC_YMZ_012_001 | v1.1

procedureMetadata

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

Unit Measured: cm

Description: ALTERNATIVE - arm_dimensions

Options: 33.65 L x 6 W x 15 H, 40 L x 3 W x 12 H,

ALTERNATIVE - Light level ALTIMPC_YMZ_013_001 | v1.0

procedureMetadata

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

Unit Measured: Lux

Description: ALTERNATIVE - light_level

Options: 20, 4, 50,

ALTERNATIVE - Placement in start arm ALTIMPC_YMZ_015_001 | v1.1

procedureMetadata

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

Description: ALTERNATIVE - placement_in_start_arm

Options: End of arm, Mid-arm,

ALTERNATIVE - Cleaning agent/disinfectant ALTIMPC_YMZ_016_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - cleaning_agent_disinfectant

Options: 6% sodium hypochlorite solution, 70% Ethanol solution,

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ALTERNATIVE - Tracking method ALTIMPC_YMZ_017_001 | v1.1

procedureMetadata

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

Description: ALTERNATIVE - tracking_method

Options: None, Video,

ALTERNATIVE - Scoring method ALTIMPC_YMZ_018_001 | v1.1

procedureMetadata

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

Description: ALTERNATIVE - scoring_method

Options: Automated, Manual,

ALTERNATIVE - Duration at centre prior to arm re-entry ALTIMPC_YMZ_019_001 | v1.0

procedureMetadata

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

Unit Measured: s

Description: ALTERNATIVE - duration_at_centre_prior_to_arm_re_entry

Options: 1,

ALTERNATIVE - Experimenter ID ALTIMPC_YMZ_020_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - experimenter_id

ALTERNATIVE - Maze ID ALTIMPC_YMZ_021_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - maze_id

Options: Arena 1, Arena 2, y-maze 1,

ALTERNATIVE - Maze manufacturer ALTIMPC_YMZ_022_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - maze_manufacturer

Options: O'hara Co.Ltd, The Jackson Laboratory,

ALTERNATIVE - Maze model ALTIMPC_YMZ_023_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - maze_model

Options: JAX_YM, YM-3002,

ALTERNATIVE - Tracking equipment ID ALTIMPC_YMZ_024_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - tracking_equipment_id

Options: Ethovision, Y tracker, YM-1020,

ALTERNATIVE - Tracking equipment manufacturer ALTIMPC_YMZ_025_001 | v1.1

procedureMetadata

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

Description: ALTERNATIVE - tracking_equipment_manufacturer

Options: Accuscan, Noldus, O'hara Co.Ltd,

ALTERNATIVE - Tracking equipment model ALTIMPC_YMZ_026_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - tracking_equipment_model

Options: Opto-Varimex 4, Time YM2,

ALTERNATIVE - Date tracking equipment last calibrated ALTIMPC_YMZ_027_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - date_tracking_equipment_last_calibrated

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ALTERNATIVE - Software ALTIMPC_YMZ_028_001 | v1.1

procedureMetadata

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

Description: ALTERNATIVE - software

Options: Ethovision 13.0, Time YM2 software,

ALTERNATIVE - Alternating start arm ALTIMPC_YMZ_029_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - null

Options: No, Yes,
