

Population matfile format

For example:

```
load('Y:\Projects\Simultaneous_dPul_PPC_recordings\ephys\dPul_LIP_Lin_20211109\population_Linus_20211109.mat');
```

```
population(1).trial(6)
```

```
ans =
```

```
struct with fields:
```

```

        type: 4
    effector: 0
    reach_hand: 0
        choice: 1
        success: 1
    fix_pos: 2.0000 + 0.0000i
    **tar_pos: -13.0000 + 0.0000i % selected target position **
    trial_onset_time: 34.3180
    states_onset: [-0.5432 0 0.0164 1.0167 1.3329 2.1342 2.3496 2.7506
2.7677 3.2340 2.3210 2.3610 2.7506 4.9227]
        date: 20211109
        block: 1
        run: 1

```

n: 7 % original trial number in behavioral monkeypsych mat file

```

    completed: 1
        sac_off: -0.1680 + 0.2490i
        sac_lat: 0.1870
        rea_off: NaN + NaNi
        rea_lat: NaN
        cue_pos: NaN
        cue_shape: NaN
    all_tar_pos: [2×1 double]
        col_dim: [2×3 double]
        col_bri: [2×3 double]
    target_selected: 2
        states: [1 2 3 6 8 4 5 20 21 50 60 61 90 98]
    run_onset_time: 40342
    arrival_times: [96×1 single]
        dataset: 80
    perturbation: 0
        FR_average: 29.1457
        accepted: 1
        FR: 25.3556

```

From:
<http://dag.dokuwiki.dpz.lokal/> - **DAG wiki**

Permanent link:
http://dag.dokuwiki.dpz.lokal/doku.php?id=spike_analysis_pipeline:population_matfile_format&rev=1699895665

Last update: **2023/11/13 17:14**

