

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: [2x1 double]
   col_dim: [2x3 double]
   col_bri: [2x3 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: [96x1 single] **% aligned to the same time as
states_onset, to state 2**
    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=1700346680

Last update: **2023/11/18 22:31**

