

# 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

```

Last  
update:  
2023/11/18 22:32 spike\_analysis\_pipeline:population\_matfile\_format [http://dag.dokuwiki.dpz.local/doku.php?id=spike\\_analysis\\_pipeline:population\\_matfile\\_format](http://dag.dokuwiki.dpz.local/doku.php?id=spike_analysis_pipeline:population_matfile_format)

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