

# 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]
    dataset: 80
  perturbation: 0
    FR_average: 29.1457
    accepted: 1
```

FR: 25.3556

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