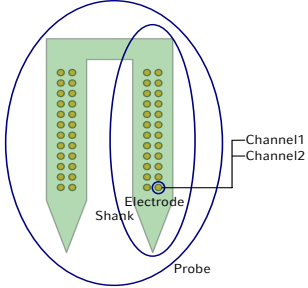
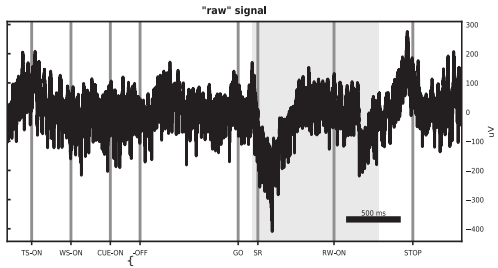
```
dataset/
├── README
├── CHANGES
├── dataset_description.json
├── participants.tsv
├── probes/
│   └── custom_probe.json
└── sub-01/
    ├── sub-01_sessions.tsv
    ├── sub-01_acq-photo1_photo.png
    └── ses-001/
        ├── sub-01_ses-001_scans.tsv
        └── ecephys/
            ├── sub-01_ses-001_task-discrimination_ecephys.nix (1)
            ├── sub-01_ses-001_task-discrimination_ecephys.json (2)
            ├── sub-01_ses-001_task-discrimination_events.json
            ├── sub-01_ses-001_probes.tsv (3)
            ├── sub-01_ses-001_channels.tsv (4)
            ├── sub-01_ses-001_electrodes.tsv (5)
            ├── sub-01_ses-001_electrodes.json
            ├── sub-01_ses-001_space-StereoTaxic_electrodes.tsv (6)
            ├── sub-01_ses-001_space-StereoTaxic_coordsystem.json (7)
            ├── sub-01_ses-001_probes.json (8)
            └── sub-01_ses-001_channels.json
    └── ses-002/
        └── ecephys/
            ├── sub-01_ses-002_task-reaching_ecephys.nix
            ├── sub-01_ses-002_task-reaching_ecephys.json
            ├── sub-01_ses-002_task-reaching_events.tsv
            └── ..
```






```
{
  "model": {
    "Description": "Probe model, referencing ProbeInterface",
    "Levels": {
      "ModelA": {"TermURL": "https://raw.github..."},
      "ModelB": {"TermURL": "bids::probes/custom.json"}
    }
  },
  "type": {
    "Levels": {
      "silicon-probe": "Multi-electrode silicon probe",
      "tetrode": "Bundle of four twisted wires"
    }
  },
  "coordinate_reference_point": {
    "Levels": {"tip": "Probe tip"}
  },
  "anatomical_reference_point": {
    "Levels": {"Bregma": "Coronal/sagittal junction"}
  }
}
```


probe_name	type	AP	ML	DV	AP_angle	ML_angle	hemisphere	manufacturer	electrode_count
probe01	silicon-probe	-2.5	1.5	-4.0	15	0	L	IMEC	384
probe02	tetrode	-1.2	-2.1	-3.5	0	10	R	Neuralynx	4

name	probe_name	hemisphere	x	y	z	impedance	shank_id	size	material	location
e001	probe01	L	0	0	0	1.2	0	15	iridium-oxide	MOp
e002	probe01	L	0	0	25	1.1	0	15	iridium-oxide	MOp
e003	probe01	L	0	0	50	1.3	0	15	iridium-oxide	MOp
e004	probe01	L	0	0	75	1.4	0	15	iridium-oxide	MOp

name	probe_name	hemisphere	x	y	z	impedance	location
e001	probe01	L	-2.50	1.50	-4.00	1.2	RegionA
e002	probe01	L	-2.50	1.50	-4.02	1.1	RegionA
e003	probe01	L	-2.50	1.50	-4.05	1.3	RegionA

name	electrode_name	reference	type	units	sampling_frequency	gain	status	status_description
ch001	e001	ref01	LFP	uV	1000	500	good	n/a
ch002	e002	ref01	LFP	uV	1000	500	good	n/a
ch003	e003	ref01	HP	uV	30000	500	bad	high_noise
ch004	n/a	n/a	SYNC	V	30000	1	good	n/a