

DATA EXAMPLE: Beat Saber Recording

Metadata Example:

```
{
  "$schema": "...",
  "$id": "1d010358-e30b-424c-93f2-bbd5c74c3246",
  "info": {
    "timestamp": 1664579023,
    "hardware": {
      "devices": [
        { "name": "Vive Elite", "type": "HMD", "joint": "HEAD",
          "axes": ["x", "y", "z", "i", "j", "k", "l"] },
        { "name": "Vive Controller MV", "type": "CONTROLLER", "joint": "HAND_LEFT",
          "axes": ["x", "y", "z", "i", "j", "k", "l"] },
        { "name": "Vive Controller MV", "type": "CONTROLLER", "joint": "HAND_RIGHT",
          "axes": ["x", "y", "z", "i", "j", "k", "l"] }
      ]
    },
    "software": {
      "app": {
        "id": "620980", "name": "Beat Saber", "version": "1.24.0",
        "extensions": [ { "name": "BeatLeader", "version": "0.4.1" } ]
      },
      "environment": { "name": "Big Mirror" },
      "activity": {
        "songHash": "C4D0A57AAC32CF7CAA4CFEB6B5CA2336DD998475", "difficulty": "Expert",
        "name": "DRAGONQUEST4 medley", "mapper": "akashihiro shiroha", "mode": "Standard",
        "score": 2679040, "jumpDistance": 19.040000915527344,
        "height": 1.6194936037063599, "artist": "kouichi sugiyama", "bpm": 92,
        "njs": 17, "noteCount": 3350, "bombCount": 32, "wallCount": 36196
      },
      "runtime": "steam", "api": "OpenVR"
    },
    "user": {
      "id": "c76c02aa-2e33-482f-b880-f1f4b4c92760", "totalScore": 3156861505,
      "totalRankedScore": 384813378, "rankedPlayCount": 403, "country": "JP"
    }
  },
  "frames": [ ... ],
  "events": [
    { "id": "gc", "name": "Good Cut", "instances": [ ... ] },
    { "id": "bc", "name": "Bad Cut", "instances": [ ... ] },
    { "id": "m", "name": "Miss", "instances": [ ... ] },
    { "id": "b", "name": "Bomb Cut", "instances": [ ... ] },
    { "id": "wh", "name": "Wall Hit", "instances": [ ... ] },
    { "id": "h", "name": "Height Change", "instances": [ ... ] },
    { "id": "p", "name": "Pause", "instances": [ ... ] }
  ],
}
```

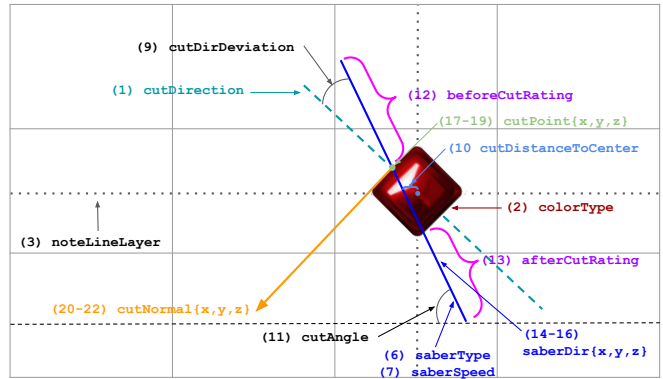
Event Example:

```

{
  "time": 11.00341796875,
  "spawnTime": 11.086956977844238,
  "saberSpeed": 26.800004959106445,
  "saberDirX": -0.09986419230699539,
  "saberDirY": 0.9677348732948303,
  "saberDirZ": -0.2313361018896103,
  "timeDeviation": 0.08353900909423828,
  "cutDirDeviation": 10.289230346679688,
  "cutPointX": -0.8481981754302979,
  "cutPointY": 1.9115549325942993,
  "cutPointZ": 1.6576881408691406,
  "cutNormalX": 0.9645812511444092,
  "cutNormalY": 0.15586909651756287,
  "cutNormalZ": 0.21280963718891144,
  "cutDistanceToCenter": 0.053703993558883,
  "cutAngle": -79.71076965332031,
  "beforeCutRating": 1.0312528610229492,
  "afterCutRating": 1.1896723508834839,
  "noteID": 30200,
  "saberType": 0
}

```

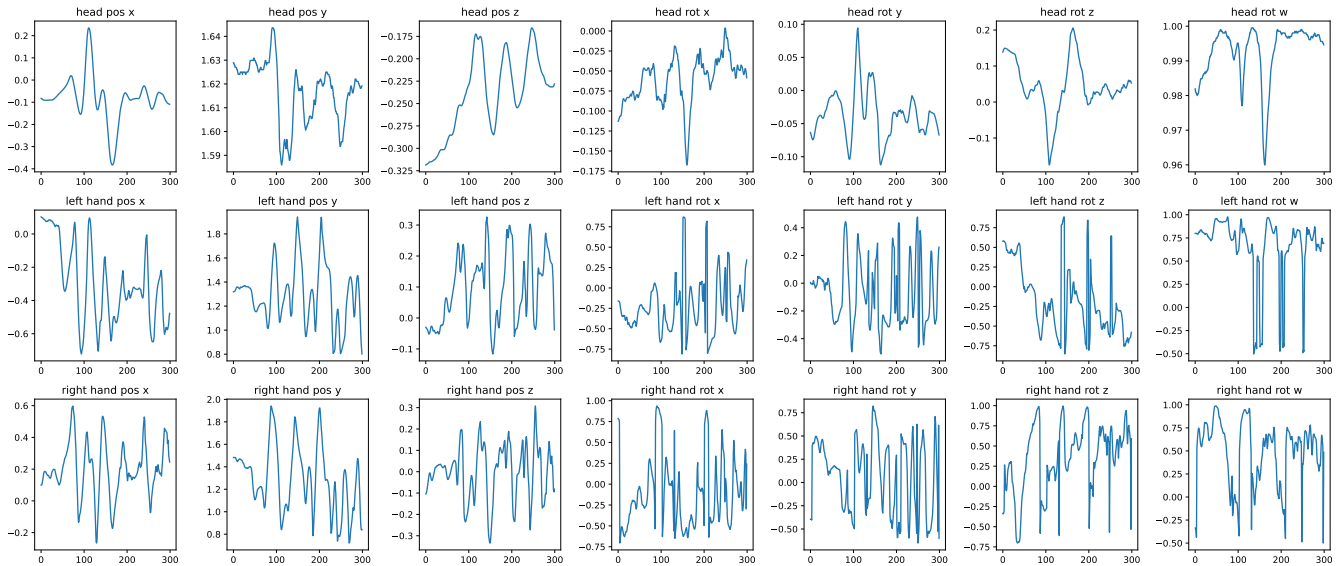
(5) **scoringType** (Normal, Ignore, NoScore, SliderHead, SliderTail, BurstSliderHead, or BurstSliderElement)



eventTime: when music matches note
hitTime: when saber intersects note

(8) **timeDeviation** (|eventTime-hitTime|) (4) **lineIndex**

Motion Example:



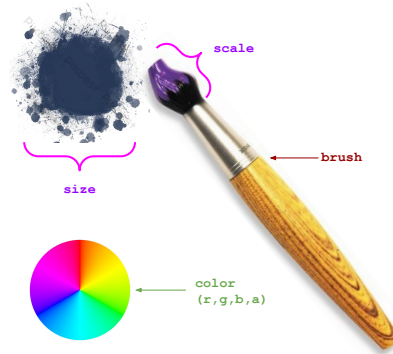
DATA EXAMPLE: Tilt Brush Recording

Metadata Example:

```
{
  "$schema": "...",
  "$id": "2bec55f9-1a6c-4028-9868-30de0deca0a7",
  "info": {
    "timestamp": 1499294892,
    "hardware": {
      "devices": [
        { "name": "BRUSH", "type": "OTHER",
          "axes": [ "x", "y", "z", "i", "j", "k", "l", "p" ] }
      ]
    },
    "software": {
      "app": { "id": "327140", "name": "Tilt Brush" },
      "environment": {
        "id": "9b89b0a4-c41e-4b78-82a1-22f10a238357",
        "ThumbnailCameraTransformInRoomSpace": [
          [ 0.0990347862, 11.9040918, 1.51867068 ],
          [ -0.0398891456, 0.3046091, 0.0668770745, 0.949288964 ],
          1.0
        ],
        "SceneTransformInRoomSpace": [
          [ -0.127744958, 10.06377, 3.08539915 ],
          [ 0.0, 0.0554259457, 0.0, -0.998462856 ],
          0.298886538
        ],
        "Mirror": {
          "Transform": [
            [ -0.127744958, 14.5469837, 3.08539915 ],
            [ 0.0, 0.05544912, 0.0, -0.998461545 ],
            1.0
          ]
        }
      },
      "activity": {
        "name": "Beetle",
        "tags": [ "tilt", "people", "curated" ],
        "likes": 23
      }
    },
    "user": { "id": "01dfallb-a9a7-4cb9-a363-dddb494539a5" }
  },
  "frames": [ ... ],
  "events": [
    { "id": "stroke", "name": "Stroke", "instances": [ ... ] }
  ]
}
```

Event Example:

```
{  
  "time": 0.0,  
  "color_r": 0.0037947893142700195,  
  "color_g": 0.681003749370575,  
  "color_b": 0.25203055143356323,  
  "color_a": 1.0,  
  "size": 0.04562459886074066,  
  "scale": 1.2503528594970703,  
  "brush": "4391385a-cf83-4396-9e33"  
}
```



Motion Example:

