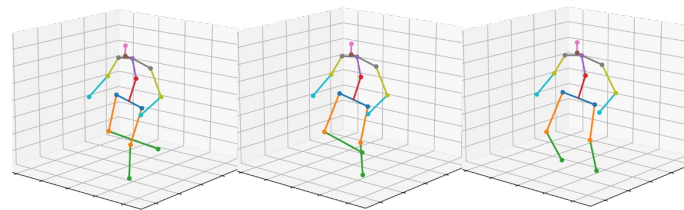




FAST3DHPE



Sample Type:
seq2frame
or seq2seq

Receptive Field:
27/81/243 ...

Tds:
2/3/4 ...

Model Depth:
: 4/6/8 ...

Dataset Name:
Human3.6M/3DHP ...

Data Splitting:
Train List/Test List

Human Prior:
Kinematic Relation ...

| Seq2Frame: | Seq2Seq: |
|-------------------------|----------------------|
| VideoPose3D (CVPR2019) | MixSTE (CVPR2022) |
| PoseFormerV1 (ICCV2021) | STCFormer (CVPR2023) |
| PoseFormerV2 (CVPR2023) | D3DP (ICCV2023) |
| | KTPFormer (CVPR2024) |
| | FinePose (CVPR2024) |
| | DDHPose (AAAI2024) |
| | FastDDHPose (Ours) |

3D Pose Loss

3D Disentanglement Loss:
3D Bone Length
3D Bone Direction

Temporal Consistency Loss

Mean Velocity Loss

Normal:
MPJPE
PA-MPJPE
MPJVE

JPMA:
P-AGG
J-AGG
P-BEST
J-BEST

Configuration

Dataset

Model

Loss

Evaluation