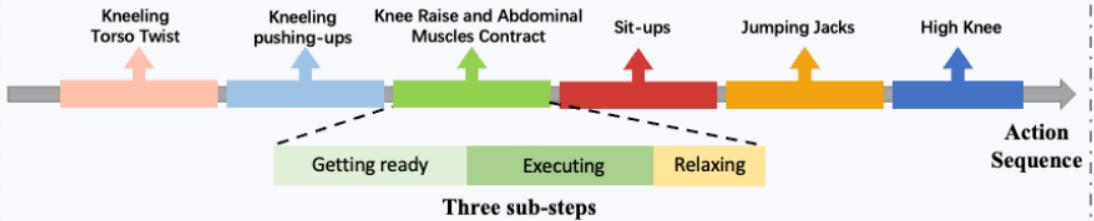


## (a) Synchronized Ego- & Exo-centric videos



## (b) Annotations

### Two-level Temporal Boundaries



### Interpretable Action Judgement



Key Points  
Verification



1(Poor)  
~  
5(Professional)

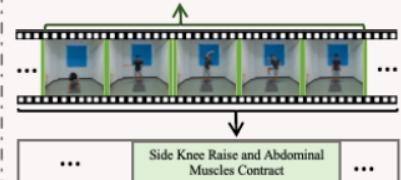
Natural Language  
Comment

Action Quality Score

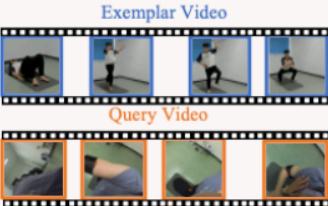
## (c) Benchmark Tasks

### Task1: Action Recognition

"Knee Raise and Abdominal Muscles Contract"

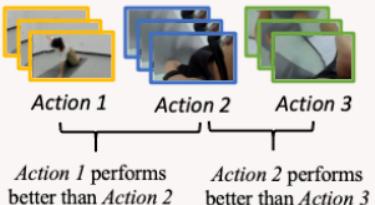


### Task3: Cross-view Sequence Verification



SAME  
action  
sequence

### Task4: Cross-view Skill Determination



### Task5: Guidance-based Execution Verification



Tech. KP\_1   
Tech. KP\_2   
Tech. KP\_3   
Tech. KP\_4   
...

### Task2: Action Localization

Tech. KP\_1: Lie prone on a yoga mat with your knees on the ground and slightly apart;  
Tech. KP\_2: put your left hand ...