



- 2D CNN backbone-based models achieve in **speed**.

- models without no additional computational cost.
- so it can be used with any existing 2D model.



Capturing Temporal Information in a Single Frame: Channel Sampling Strategies for Action Recognition Kiyoon Kim, Shreyank N Gowda, Oisin Mac Aodha, Laura Sevilla-Lara

Original RGB TC Re-ordering

GrayST

Temporal Datasets

Multiple objects and actions, plus temporal reasoning. Multi-label classification

Cone picked and placed during cube rotates Cylinder slides after cube rotates

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Method Visualization

CATER

Turning "something" upside down

Something-Something V2

