

Originally paired query: 'person closes the door.',
'person puts a broom into the closet.', ...

29.7s

Originally paired query: 'person drinking from a glass of water.'

[Common keywords]

Filtered as positive # 2

25.2s ~ 30.0s

id:1F706

Query: person closes the door.

Originally paired query: 'a person runs to the doorway of the pantry.',
'person closes the door.', ...

Filtered as negative # 3



Positive set: door, close



Negative set: picture, drink, run, ...



id: KOQGE

30.5s

Originally paired query: 'another person comes running throwing open the door.'

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Figure. Video-query Alignment Qualitative Analysis for MVMR Charades-STA dataset. We conducted a qualitative case analysis on the MVMR Charades-STA dataset we constructed. In the figure, 'Golden positive' cases are highlighted in green, 'Positive filtered' in blue, and 'Negative filtered' in red. We marked the matching moments (label) for the filtered positive videos with a solid line. From this analysis, we observed that videos categorized as 'Positive' showed high coherence and relevance to the target query. Conversely, those classified as 'Negative' lacked relation to the target query and had no significant coherence. This distinction was further substantiated by analyzing the top count keywords for each query set within the positive and negative clusters.