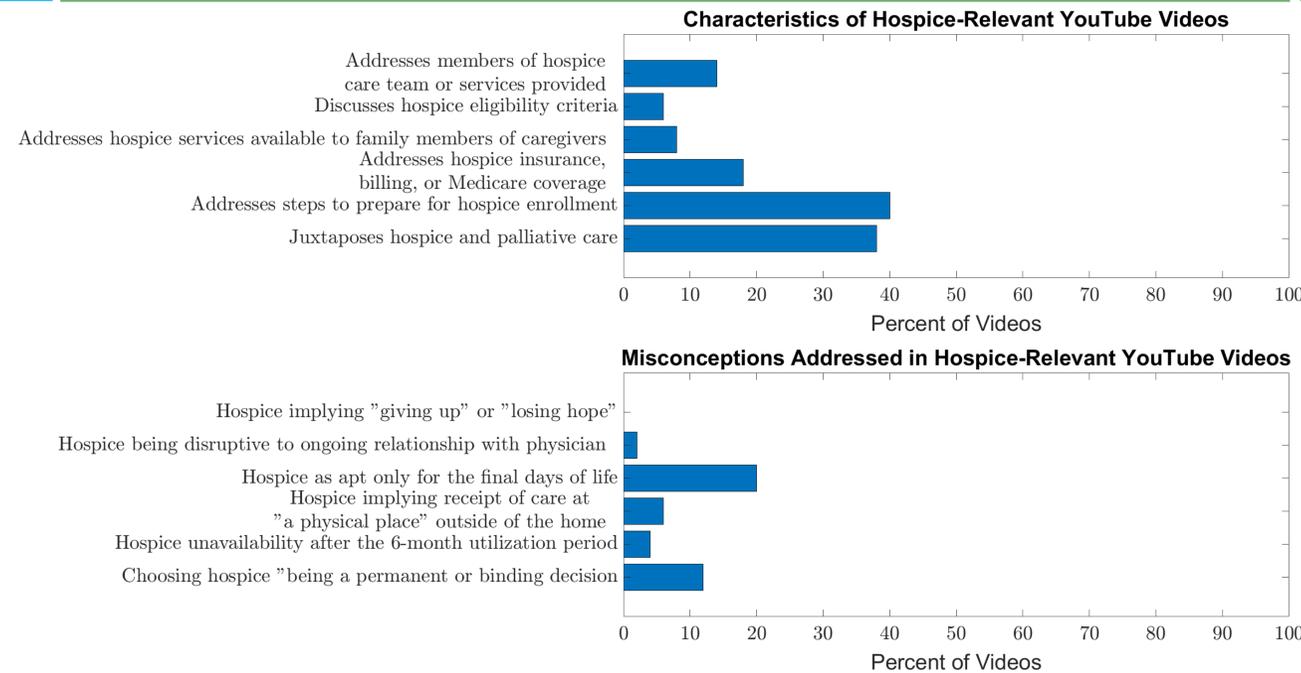




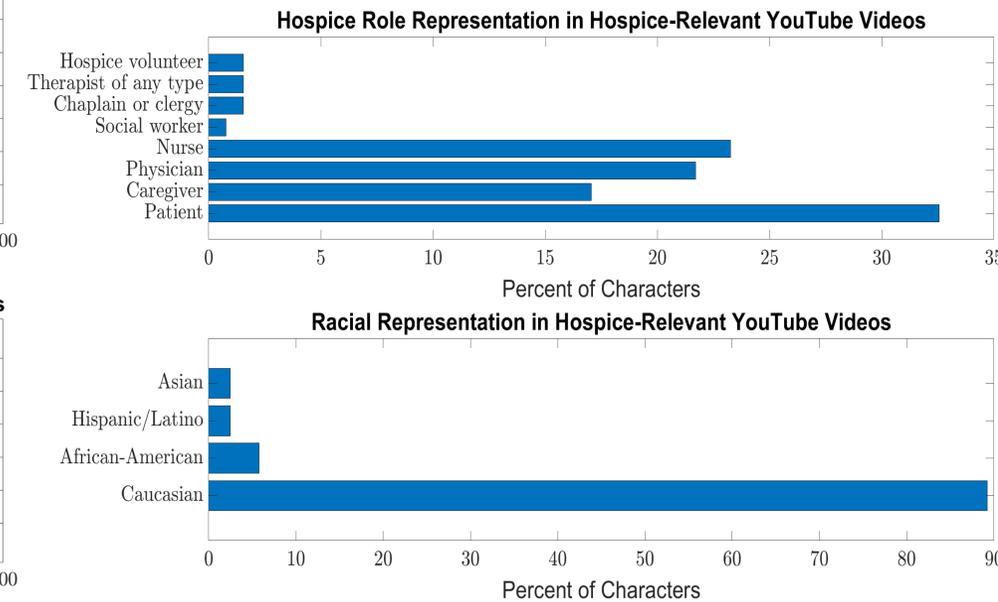
## Introduction

- Timely utilization of hospice promotes effective pain management at end of life, improved QoL, and lower rates of complicated bereavement for caregivers
- Approximately 40% of eligible patients do not enroll for hospice care.
- One key factor contributing to lack of utilization is insufficient information about hospice services with misconceptions about hospice philosophy.
- Social media is seeing an increase in use as a health information resource
- 73% of Americans use YouTube

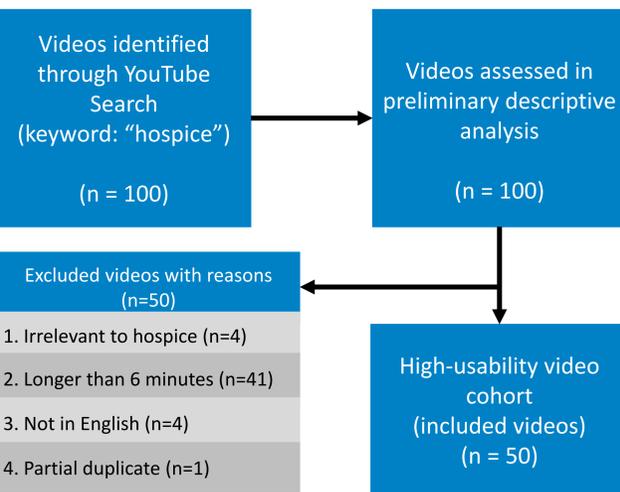
## Fig. 1: Hospice Relevance



## Fig. 3: Representation in Hospice Relevant Videos

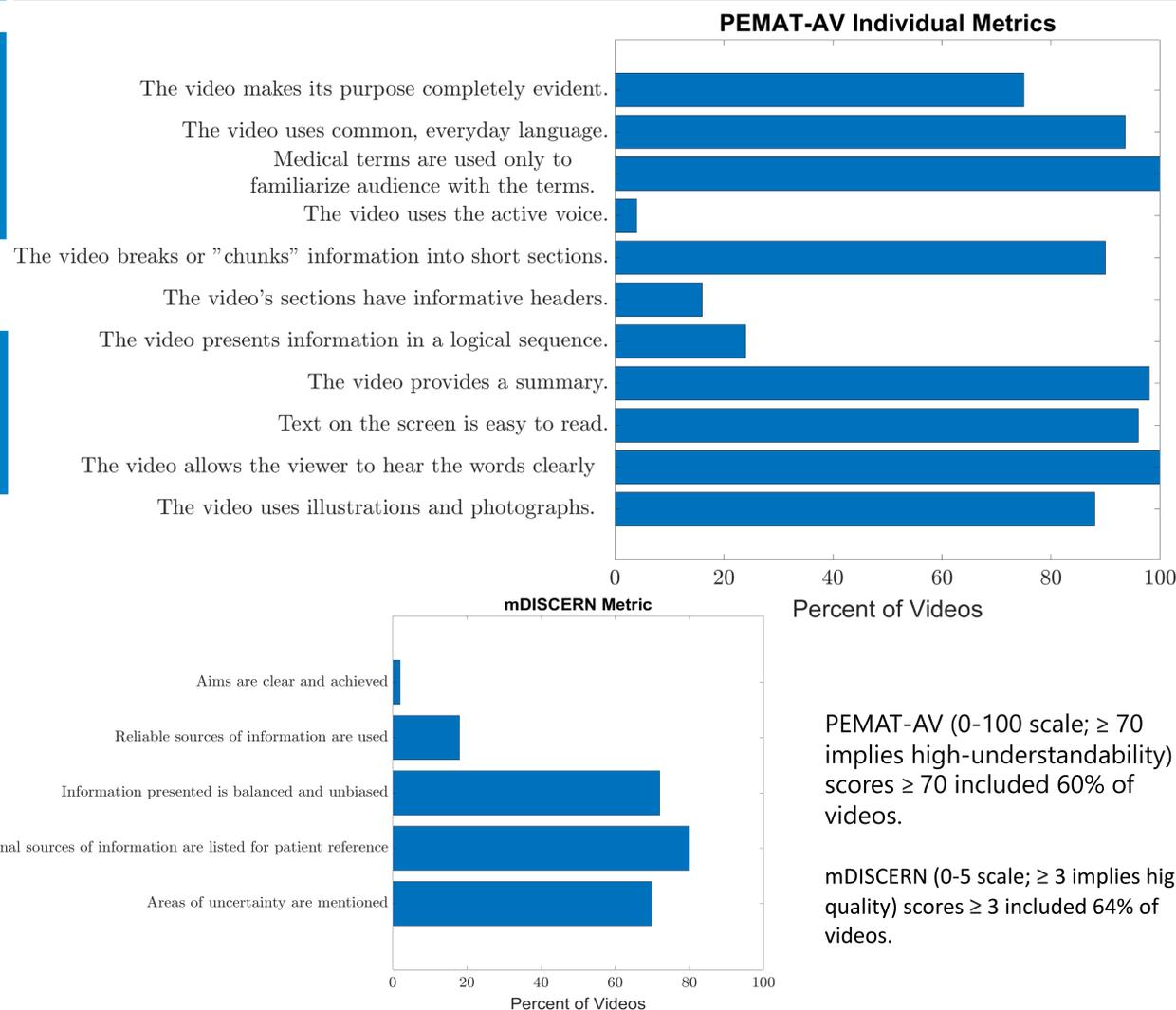


## Methods



The YouTube Data API (v3) was accessed through the tuber package (v0.9.9) in R (v4.0.2) to search YouTube. The high-usability videos that remained after exclusion were then assessed for their quality/reliability/understandability, relevance, comprehensiveness, and character representation in each video.

## Fig. 2: Understandability and Quality



PEMAT-AV (0-100 scale;  $\geq 70$  implies high-understandability) scores  $\geq 70$  included 60% of videos.

mDISCERN (0-5 scale;  $\geq 3$  implies high-quality) scores  $\geq 3$  included 64% of videos.

## Conclusions:

- Many of the main misconceptions about the fundamental concepts of hospice care are unmentioned
- Low rate of videos that provide additional references or mention or address misconceptions
- Most videos are understandable, using clear explanation, active voice, clarified intent, and logical sequence
- More than 60% of videos scored well in comprehensivity on the PEMAT-AV, but many were on the border of being non-understandable.
- Poor representation of multidisciplinary nature of hospice team
- High underrepresentation of racial/ethnic minorities

## References

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