

# Towards a Computational Approach to News-Bringers in Ancient Greek Tragedy

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# Outline

Introduction

First steps

The very topic model of a modern major messenger?

References

# Introduction



**Figure 1:** Terracotta bell-krater (bowl for mixing wine and water), attributed to the Persephone Painter. ca. 440 BCE. The Metropolitan Museum 28.57.23.



# What's the news?

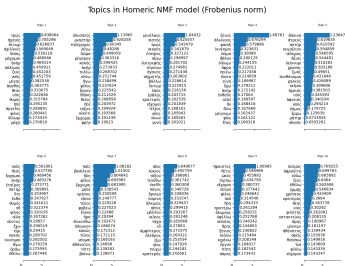


Figure 3: NMF-based topic modeling of the corpus of speeches in Homer.

# What's the news?

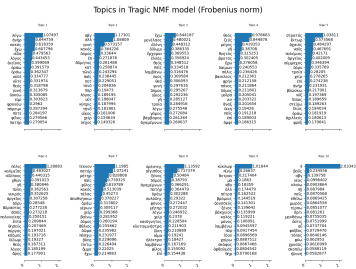


Figure 4: NMF-based topic modeling of tragedy.

# What's the news?

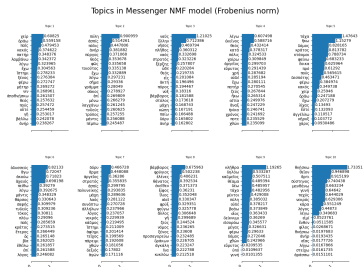
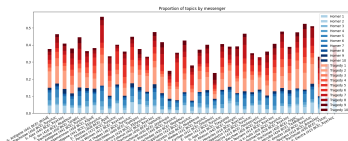


Figure 5: NMF-based topic modeling of messenger-type speeches in tragedy.

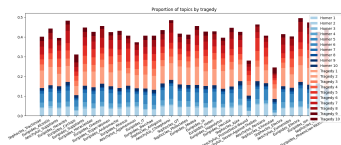
# Topics by messenger



**Figure 6:** Proportion of each of the top 10 topics from Homer (shades of blue) and tragedy (shades of red) for each messenger in the tragic corpus.



# Topics by tragedy



**Figure 7:** Proportion of each of the top 10 topics from Homer (shades of blue) and tragedy (shades of red) for each tragedy.

# References I