# YOHO model for Audio Segmentation and Sound Event Detection

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#### Contents

Introduction

#### Introduction

Audio Segmentation and Sound Event Detection

#### YOHO model

Network Architecture Loss Function Other Details

# Proposed improvements Architectural improvements

Conclusions

## Audio Segmentation and Sound Event Detection

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Introduction



### Datasets





# YOHO model

Presented in 2021[1]...



### Network Architecture



### Loss Function



# Other Details



# Proposed improvements



# New backbone



#### Conclusions

Questions?



#### References

[1] Satvik Venkatesh, David Moffat, and Eduardo Reck Miranda. "You Only Hear Once: A YOLO-like Algorithm for Audio Segmentation and Sound Event Detection". In: *Applied Sciences* 12.7 (Mar. 2022), p. 3293. ISSN: 2076-3417. DOI: 10.3390/app12073293. URL: http://dx.doi.org/10.3390/app12073293.