

Video Summarisation Evaluation

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Video Summary

- We need a shorter version of news
- Processing:



- Visual summary does not have to be identical with the speech summary
- How to evaluate video summary algorithms?

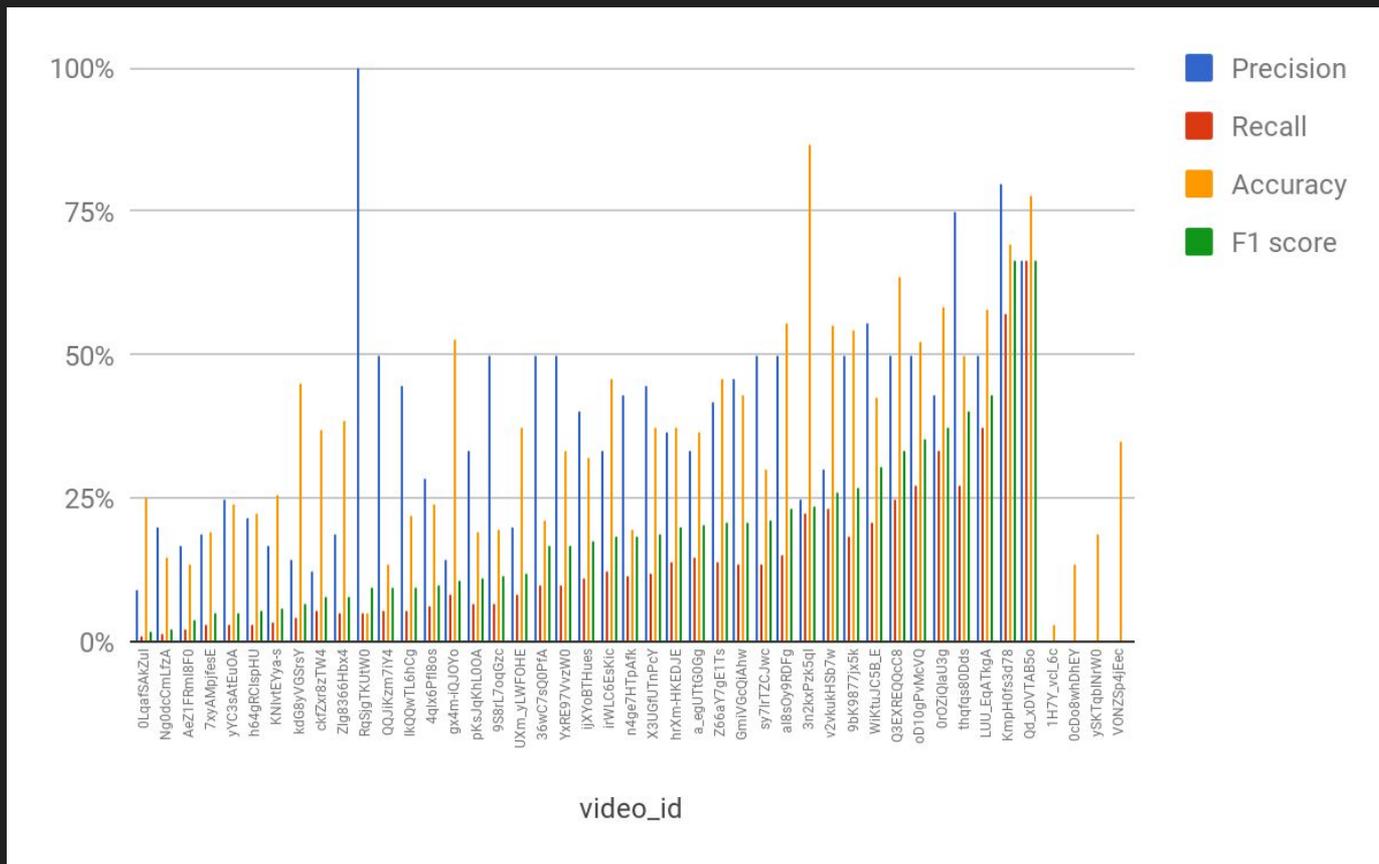
Keyframes



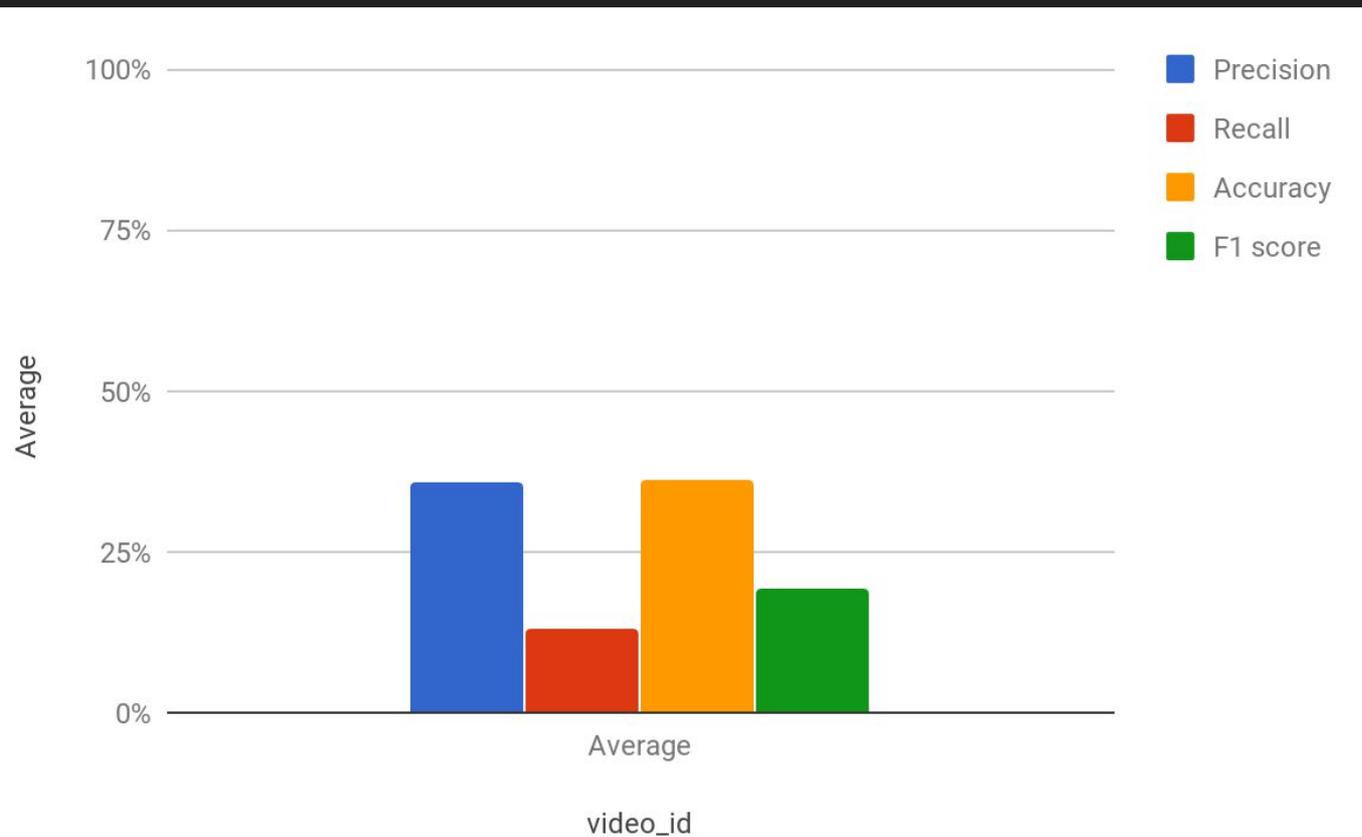
Expert Summary Length

Video ID	Sum. Len	SRC Len	Percentage
3n2kxPzk5ql	205	473	43%
0rOZiQlaU3g	86	187	46%
1H7Y_vcl_6c	76	277	27%
36wC7sQ0PfA	69	200	35%
Q3EXREQQcC8	85	186	36%
Qd_xDVTAB5o	119	194	61%
QQJiKzm7iY4	41	281	15%
RqSjgTKUtW0	41	233	18%

Precision, Recall, Accuracy, and F1



Average



Conclusions

- » Large spread of results
- » Generally... there is room for improvement (meaning: poor results)
- » But actually we expected this, because of:
 - Summarization strategy (video first)
 - Strict rules ground truth building and evaluation

11th International Conference on Multimedia & Network Information Systems (MISSI 2018)

- Special Session on **Accessing Multilingual Information and Opinions**
- Conference to be held in **Wroclaw, Poland**, on **12-14 September 2018**
- Topics:
 - Human language understanding
 - Multilingual information systems
 - Video summarization
 - Sentiment analysis
- CFP: https://missi.pwr.edu.pl/2018/sessions/MISSI_AMIS_2018.pdf

