News Editorials: Towards Summarizing Long Argumentative Texts (COLING 2020)



Shahbaz Syed



Roxanne El Baff



Khalid Al-Khatib



Johannes Kiesel



Benno Stein



Martin Potthast







Deutsches Zentrum
 für Luft- und Raumfahrt
 German Aerospace Center

Bauhaus-Universität Weimar Webis



OUR OPINION



WE MUST STOP BULLYING. **IT STARTS HERE. IT STARTS NO**

Siouxland lost a young life to a senseless, shame ful tragedy last week. By all accounts, Kenneth Weishuhn was a kind-hearted, fun-loving teenage boy, always looking to make others smile. But when the South O'Brien High School 14 -year-old told friends he was gay, the harassment and bullying began. It didn't let up until he took his own life.

Sadly, Kenneth's story is far from unique. Boys and girls across Iowa and beyond are targeted every day. In this case sexual orientation appears to have played a role, but we have learned a bully needs no reason to strike. No sense can be made of these actions.

Now our community and region must face this stark reality: We are all to blame. We have not done enough. Not nearly enough

This is not a failure of one group of kids, one school, one town, one county or one geographic area. Rather, it exposes a fundamental flaw in our society, one that has deep-seated roots. Until now, it has been too difficult, inconvenient - maybe even painful - to address. But we can't keep looking away. In Kenneth's case, the warnings were everywhere.

We saw it happen in other communities, now it has hit home. Undoubtedly, it wasn't the first life lost to bullying here, but we can strive to make it the last.

The documentary "Bully," which depicts the bullying of an East Middle School student, opened in Sioux City on Friday. We urge everyone to see it. At its core, it is a heart-breaking tale of how far we have yet to go. Despite its award-winning, proactive policies, we see there is still much work to be done in Sioux City schools. Superintendent Paul Gausman is absolutely correct

when he says "it takes all of us to solve the problem." But schools must be at the forefront of our battle against hallying.

Sioux City must continue to strengthen its resolve and its policies. Clearly, South O'Brien High School needs to alter its approach. We urge Superintendent Dan Moore to rethink his stance that "we have all the things in place to deal with it." It should be evident that is simply not the case.

South O'Brien isn't the only school that needs help. A Journal Des Moines bureau report last year demonstrated that too many schools don't take bullying seriously. According to that report, Iowa school districts, on average, reported less than 2 percent of their students had been

bullied in any given year since the state passed its an ti-bullying law in 2007. That statistic belies the actual depth of this problem, and in response the Iowa Department of Education will implement a more comprehensive anti-bullying and harassment policy in the 2012-13 school year

But as Gausman and Nate Monson, director of Iowa Safe Schools, are quick to remind us, this is more than a school problem. If we want to eradicate bullying in our community, we can't rely on schools alone. We need to support local agencies like the Waitt Institute for Violence Prevention and national efforts like the one described at stophollying goy. Bullying takes many forms, some of them - Internet, Facebook, cell phone more subtle than others. Parents should monitor the cell

phone and Internet usage of their children. All public and private institutions need to do more to demonstrate that bullying is simply unacceptable in our workplaces and in our homes. We need to educate ourselves and others. Some in our community will say bullying is simply a part of life. If no one is physically hurt, they will say, what's the big deal? It's just boys being boys and girls

being girls Those people are wrong, and they must be shouted

We must make it clear in our actions and our words that bullying will not be tolerated. Those of us in public life must be ever mindful of the words we choose, especially in the contentious political debates that have defined our modern times. More importantly, we must not be afraid to act. How many times have each of us witnessed an act of

bullying and said little or nothing? After all, it wasn't our responsibility. A teacher or an official of some kind should step in. If our kid wasn't involved, we figured, it's none of our business.

Try to imagine explaining that rationale to the mother of Kenneth Weishuhn. It is the business of all of us. More specifically, it is our

responsibility. Our mandate If we're honest with ourselves, we will acknowledge our community has yet to view bullying in quite this way. It's well past time to do so Stand up. Be heard. And don't back down. Together, we can put a stop to bullying. - By the Journal Editorial Board

The Daily Tar Heel RAPE IS A VIOLENT

To mark Sexual Assault Awareness Month,

an editorial opinion from

AT UNC AND COLLEGES ACROSS THE COUNTRY. IT IS TREATED AS AN INFRACTION.

CRIME

Something so fundamentally wrong demands a principled solution. This means undertaking a complete overhaul of the way the University deals with cases of rape. And it means forgetting for a moment the problematic requirements of federal guidelines, and instead creating a system that realizes the University's responsibility to protect its students. A culture of false justice lies at the heart of a broken system, and should be replaced with a focus on:

1. Support for survivors:

But why not allow the University to pro-

An opinion page depoted

to the issue of sexual

assault at UNC

2. Education for all students on the consequences of rape; 3. Deference in the pursuit of justice to trained law enforcement.

For years, universities have played an inap-propriate roke in the athermath of incidents of rape involving students, At UNC, the Honore Court, a quasi-judicial board made up entirely of students, heard and adjudication cases of soci-ual assault unrell last year. Similar models were group of current and former students has used as evidence in bringing two federal investiga-tions to UNC. tions to UNC. The current system functions as a stopgap answer to the demands of the "Dear Colleague" letter. And while many have praised the docu-ment as a step in the right direction, the letter ased across the country, becoming the object of nse scrutiny as to whether they could effecrely deal with such a sensitive crime. In 2011, the U.S. Department of Education issued what is popularly referred to as the "Dear Colleague" letter. The letter included a set of guidelines for making the ways colleges dealt with sexual assualt compliant with Title IX of But whatever its many shorts time. Deriging the last two yows, UNCs and the error of the anatomic subsective has a subsective strength of the anatomic subsective has a subsective ing the transmet of proof required to determine path in space cases and the hiring of an individual all to average the processes, among editors, and out on the strength of the subsective has a subsective strength of the subsective subsective strength and distributions in the respective humans they applied specetorizes when its configuration, arbitrary and distribution is the discontinuous the sub-tion of the subsective strength of the subsective the The very makeup of the Studient Geirsance Committee — the host of the complexity of the sub-resolving coupling in the strength of the subsective strength resolving coupling in the subsective strength of the subsective disconting of the strength of the strength of the subsective the subsective strength of the subsective strength of the subsective disconting of the strength of the strength of the subsective disconting of the strength of the subsective strength of the strength resolution of the strength of th viduals who are not elected on the pretense of expertise in the area of sexual assault. The policy goes on to speak only in vagate terms on the level of training given to a group with so much responsibility, burning too much room for error to a group of amateur judges. And the committee has at its disposal a mur ber of punishments, ranging from a written warning to expulsion. In short, changes to the system failed to co rect the same kinds of heinous flaws that a call to speak out and a INSIDE 3 timeline of controversy

a separate avenue for survivors of rape to par-sue resolution? Proponents of this approach, in place at UNC and across the country, argue that such systems are desirable because they cater to the special needs of college students. They allow for quicker resolution, more privacy and largely standardizes and codifies the trappings of a broken system. By taking steps like man-dating a change in burden of proof, the letter system is not known for its sensitivity in cases of further legitimizes the quasi-judicial bodies that have long suggested the possibility of justice for survivors but failed to provide it. rane, which are notorioraly difficult to adjudi cate - in a student bearing or a court of kn But the fact remains that it is not the <text><text><text> But the fact remains that it is not the University place to suggest it can systemati-cally provide justice for victims of maps a system that issues realings, features various degrees of purishment and boosts a standard of proof implicitly makes that empty claim. Gentler treatment of sexual vicence — for the victims and the nervertares — is a form of discriming. unitary the port and deterence to law enforcement. These are the proper means for the University to help fight sexual assault, and they work hand-in-hand with each other. The University can make the punish, allegedly noncompliant colleges. South Bailding should not let perceived leg complications stand in the way of its moral obligation and its ability to effect large-scale often intimidating criminal justice system more manageable through counseling. By educating students about the criminal - rather than insticomparison and its abulty to effect arge-scale change. The University is a respected institutio in public higher education. It can be a leader or this issue, but only if it is willing to call a crime

A rationals for the format of today's issue from 8 editor Andy Thomason

What drives a church to dismiss a gay man?

VIEWPOINTS

Todd Wagner: The aim of

'loving correction' is to restore a

person's relationship with Christ

the harshness of the word "discipline" might even be pe

ived as unlosing, oppressive or archaic. Additionally, hemoscopality itself is an area where the

Indices have unfairly and wrongly made it out to be a "large sin thin other "more acceptable" sinsi like pride, porneg-raphy, materialism, anger or heterosexual infactily. Any "charch" that has said homosexual acts are a more significa-

ness from both Jesus and those who struggle with same-se

attraction. Following the example of Jones, Watermark lowes and

ruggles. Also follo

inghis example, we encourage people to turn away from sin and to follow Jesus. We have many men

dees and record stat

who struggle with

welcomes people of all backgrounds, economic statuse

Jason Thomas says he had to quit Watermark's 12-step program to overcome homosexuality 'struggles' for his own safety

Recently, one of our former members here at Wines-meric Community Church shared communication in forming him that his membership status had church lated because a fis discribe to actively participate in a same-set-relation high the state of the participate in a same-set-son and the same state of the same share of the same state participate that with the same state of the same state state of the participate the similar state of the same state state of the participate the similar state state of the same state state state of the participate the similar state tregan attending, waterinan's Corrienting Visiteria rooma toe years aga, after a woman I was during invictu me to a young adults ministry: The poster constage was open and anotheretic about his Be and "struggles with sin". This instilled a sense of coerfort within me because of all of the things I was hiding about myself. Began atteed ring weekly service and volanteering as much as I coald. I attended train-

ing sessions and read through ny libbe. About six months in, I met a man who has become a dear friend. He shared with me that he was gay and trying to change his orientation to heterosexuality, and he encouraged me to open up/so-overal others. I connected with programs designed to help any charch mem-bers specification with the gay access stories and Watermark, and each books to boot unge my orientation. It soon became very obvious that I would not be able to change my attraction to other

It isom besenre very obvissen that I wordd and be able isochang my attraction to obver them. I carrot to wrisk that, according by Watemark, God was experting mer to be single for the rost of my Bio, and I boxene countercable with that i data. I was so sure of myself that when I moved in without of my God ange friends, we thank add I field that I was not above even though I was single: I was happy to larve a tight channel, god in frame, Jogan abaring on given at therein which the observ. (To have more, got to atternate, day inset: Jogan abaring on given at therein which theory. (To have more, got outereaution, day inset: Jogan abaring on given at therein which there.) sage/2225; start listening at 43(38.)

(p) 2223 (start intering at 43238.) Then, what seemed like all at once, more than half of my group started dating and mickly not married, my hunkmate included. I realized what it m being alone for the rest of my life. I couldn't expect my friends to avoid falling in low on the



how his day went. then th and I realized these aret Words from the Watermark leadership

feelings they'd been talking en the Oct. 9, 2005 letter to Jacon Thomas from the ele-

> for you and playing the role you desire for us to have in your life (Pater 53-4; Acts 20 28). Specifically your desire to actively participate in a same-sex relationship with another man, and your exceedingly difficult to shephend you during this time... souls," according to Hebrews Uk17, and

We are left within orther option but to remove you from our body and treat you as we would anyone who is living out of fellowship with God., and we lovingly, but firmly, call you back to repentance. This means that you are no longer a member of our body at Watemark. We are praying that repentance comes outsky and they used not contribute of topastic part and not that anyon the second sec

connected to the Gay Christian Network. There are so many one received who have been deeply burt by the church. It is not un-

DAWN

Test view Vivit at Lie E Dare

More from this par Question & answer Water crisi

BY A.G. NOORANI Banning books C 1 to

BOOK banning is akin to book burning. emblematic of Hitler's Germany. It assumes various forms - ban under the Customs Act, 1962, to prevent its import into the country; under the Criminal Procedure Code, 1973; the extra-legal fiat by state officials to publishers and booksellers to suppress its circulation; mob violence that vandalises authors' homes or publishers' offices.

A new form of book banning has emerged, targeting the foreign author. Not long ago, one of the most distinguished scholars on Hinduism, Wendy Doniger, had to bear the brunt of the RSS-BJP brigade's onslaught on her work. The Hindus. More recently, it was the turn of the eminent Indologist and Sanskrit scholar Audrey Truschke for her book, Aurangzeh Such a balanced work was long overdue

estre to resist temp but the charge against her was that she was ation, and we rejoid with them as they trying to "rehabilitate Aurangzeb" and "whitewash his sins". Scheduled to give a sperience forzione talk, entitled "Unpopular stories: narrating the Indo-Islamic past and navigating presentseartiful testimones o the transforming power of Jeans Christ Price to his mem-benship status being changed, this friend much clear to us the contiful testimonia day prejudices", in Hyderabad in August, the organiser could not find a venue in that large city known for its rich cultural past. On two occasions, a venue was fixed, only to be cancelled a few days after booking. First it was made-clear to us that he no longer believe scheduled to be held at the Art Gallery. Then the B.M. Birla Science Centre was fixed at the for a follower of Jesu venue, only for it to revoke permission. The Christ and no longs venue owners likely backed out due to pres-Like any member whose beliefs move away from the core sure from groups like Bajrang Dal.

The director of the B.M. Birla Science Centre, B.G. Siddharth, unctuously told the press, "We have received a request for the auditorium to hold the talk but we politely ame appropriate to declined. Further, we understand that the ris desire to not re speech would attack some gods of India. Christ with us When Such controversial talks should have prior police permissions. Since they don't have that, permission was denied." The convenor of Bajrang Dal, Kalaish Sajjan, said, "We do ommunity promise t not know if her considerations are authentic. and considering her track record of being critical of Hinduism, we oppose her talk." will be held accorn The RSS set up the Vishwa Hindu Parishad able before God fo in 1964 to capture the Babri Masjid. It, in your spiritual care a

turn, set up the Bajrang Dal as its spear arm and concer with great responsibility. A mean bear of loss family we are called to lose, admeniable, encourage and help concernations in our relationship with Orbit. Losing corrections (darren'd discipline) can be a difficult data to understand, bearaus candidative -thorgh the murdate in clearly explained by Jossin the Cangels and Harroghest in the Stew Testanson - most the morte relationship in the Stew Testanson - most the morte relationship in the Stew Testanson - most the morte relationship in the to accomplish its nefarious ends by violence. Denial of permission for the talk reflects poorly on the political system. It installs the police as censors, which is bad enough, and

that it deserves a wide readership around the

bans a speech before it is delivered. the New Testament - most churches today completely nare it Discipling is an act of lang searching any parent Truschke said that the organisers had been informed by the Hyderabad police of good in the life of an individual. Car goal with overy instance of care and occursion is to resource the relationship and sove car harring friend from the trendle that sin always creates. We concurrent anyone with more questions to look at watermark.org/statement for an in-depth cophration, We'd also love to sit with yoe, answer any questions you might how, and encourage you in the midat of whatever straggles several letters protesting her appearance, the only letter she saw was written by an individual who claimed connections to the RSS and BJP. She described it as a "sad day for the pursuit of knowledge and academic freedom". Descriptions of her work suggest

We believe Jesus is the hope of the world and it's the job of his church to hold fast to the truth found only in the word or his church to hold list to the truth found only in the word o God. No sin is greater than another. Jesus died for you, For-giveness and new life is available to you in Jesus Christ.

you face today.

world wherever Mughal history is taught. In an interview with the author in The Telegraph (India), Upala Sen writes: "Truschke states that the period of Aurangzeb's reign was very well documented. Aurangzeb and his expansionist thirst, Aurangzeb as a pious Muslim, Aurangzeb the able administrator under whose reign the number of Hindus in the bureaucracy increased, Aurangzeb who protected temples and also destroyed them, Aurangzeb who loved music

and mangoes But, Truschke says, "A major point of that [scholarship] was to make the British look better. ... The villainisation of Auranezeh projecting him to be this Islamic bigot, is bad history but it is a good storyline if you are trying to achieve Hindu rashtra."

This new form of intolerance reflects the political and religious intolerance which the RSS has spread over the last two decades. In January 2004, the Bhandakar Oriental Research Institute in Pune was vandalised by the Shiv Sena and other groups and a highly respected scholar Bahulkar A new form was subjected to harassment by the of censorship mob. The Mahara has emerged, shtra government prosecuted targeting the American Indoloforeign gist James Laine for his book Shivaji. author. The investigation was stopped by the supreme court.

An official of the central government asserted a right to hold up a book at Customs because, in his weighty opinion, "It has incorrect facts on Sardar Patel". Dalvir Singh, the commissioner of Aircargo in New Delhi, was referring to The British Raj in India written by two scholars of excellent credentials - civil servant during the Rai, Pakistani diplomat and professor, Samuel M. Burke, and Salim Al-Din Quraishi of the British Library.

Libraries are full of books that contain 'incorrect facts' on Gandhi, Nehru, Patel and Azad. Will the government try to 'weed' them out? All this violates a fundamental right of

the Indian citizen - the right to know. The Customs Act provides no judicial tribunal to adjudicate on the ban. Section 95 of the Criminal Procedure Code provides that a ban by a state government can be chall lenged before a three-judge bench of the high court. This remedy must be extended to all bans - official, police and ones on film.

The writer is an author and a lawyer based in Mumbai

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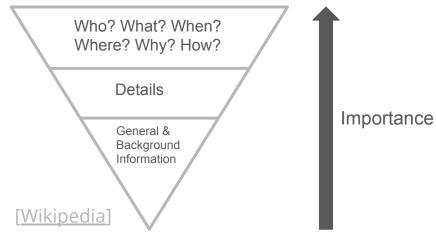
©Shahbaz Syed

About six months into our estationship, my small group pushed hard for me to break up with him. I tried to con-vince mpself I had other reasons to-end the relationshine soon. I made these demands a at the decision I made. I escida't sleep, think or do entith the patient of the environment of the product construction of the product const

These areas many gap specify who have been deeply hard prive durated. It is not com-some to the out of accident straph ty copies who well though these strategies are well as the strategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strategies of the strategies of the constrategies of the strategies of the strateg

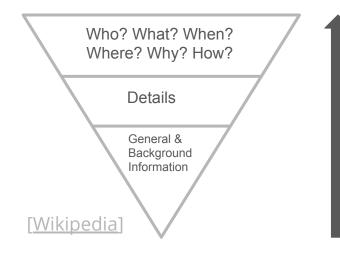
in your metters management you. One of these gives you permission to hold anyone accountable to any sin. The other is talking about reconciliation. So, which use is convert? We don't really know. Later in the chapter, scene 21 peoples wilds some color: "Then Peter came up and said to him, "Look, here other will my brokher sin against ms, and I forgive him? As many assessor

Reports



- Goal: Inform
- Style: Objective
- Layout: Inverted Pyramid

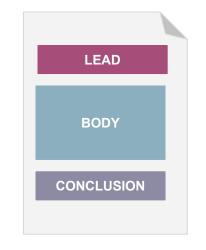




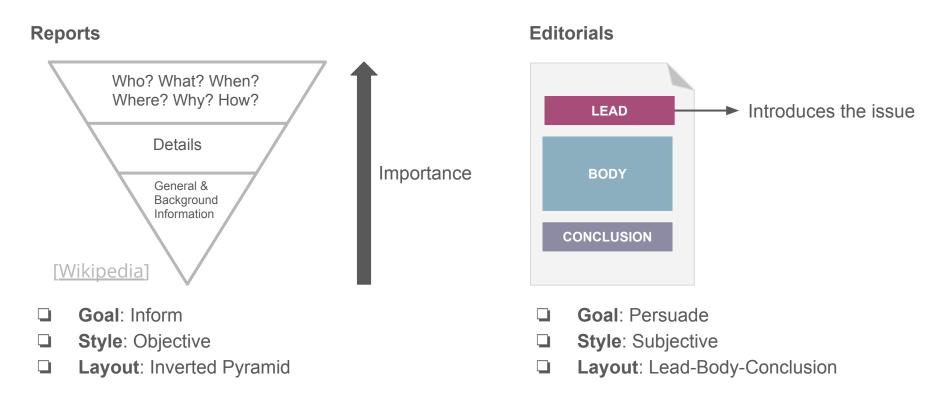
- Goal: Inform
- □ Style: Objective
- Layout: Inverted Pyramid



Importance

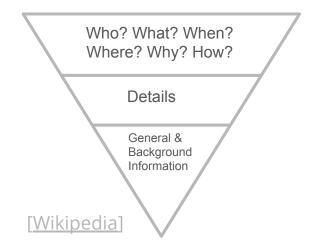


- Goal: Persuade
- **Style**: Subjective
- Layout: Lead-Body-Conclusion



Reports Editorials Who? What? When? Where? Why? How? Introduces the issue LEAD Details Provides arguments & Importance BODY Background General & Background Information CONCLUSION [Wikipedia] Goal: Inform **Goal**: Persuade **Style**: Objective **Style**: Subjective Layout: Inverted Pyramid Layout: Lead-Body-Conclusion

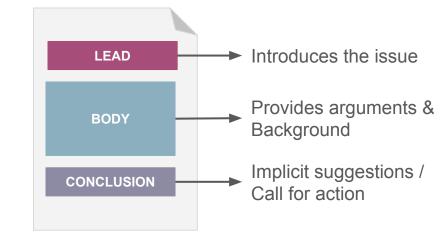




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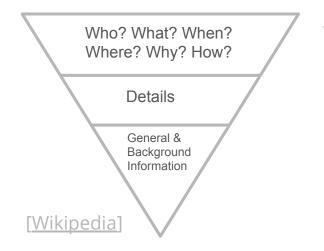


Importance



- Goal: Persuade
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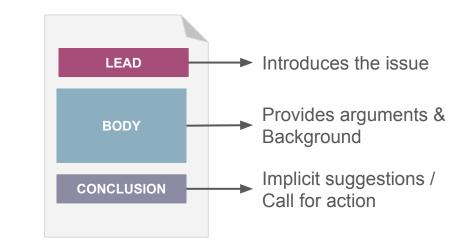




- Goal: Inform
- □ Style: Objective
- Layout: Inverted Pyramid
- Summary: Top-n sentences (e.g. LEAD-3)

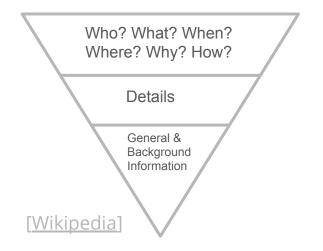
Editorials

Importance



- Goal: Persuade
- **Style**: Subjective
- Layout: Lead-Body-Conclusion

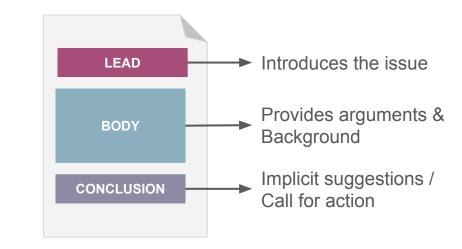




- Goal: Inform
- □ Style: Objective
- Layout: Inverted Pyramid
- **Summary**: Top-n sentences (e.g. LEAD-3)

Editorials

Importance



- Goal: Persuade
- **Style**: Subjective
- Layout: Lead-Body-Conclusion
- **Summary: ?**



What is a high-quality summary of an editorial ?



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Hypothesis:

It preserves the core message and the most persuasive segments; it is structurally similar to the editorial



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Approach:

Define a high-quality summary; operationalize the annotation and evaluation of summaries



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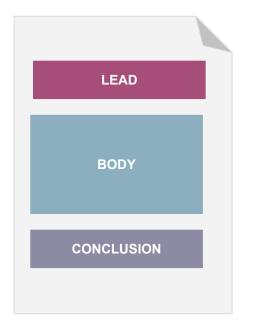
It preserves the core message and the most persuasive segments; it is structurally similar to the editorial

Approach:

Define a high-quality summary; operationalize the annotation and evaluation of summaries

Contributions:

- 1. A unified scheme for annotation and evaluation of editorial summaries
- 2. Webis-EditorialSum-2020 Corpus containing 1330 summaries for 266 news editorials
- 3. Detailed analyses w.r.t summary structure, summary quality and its argumentation





Argumentative Discourse Units



Argumentative Discourse Units

Argumentative Structure

- ▲ Thesis
- **Justification**



Argumentative Discourse Units

Argumentative Structure

- A Thesis
- ▲ Justification

Evidence Types

- Anecdote
- Assumption
- Common-Ground
- Statistic
- Testimony

A News Editorial Corpus for Mining Argumentation Strategies [Al-Khatib et al., 2016]

Туре	Example
Anecdote	We were in-between lessons during our first class, when we
	suddenly heard the sound of shooting.

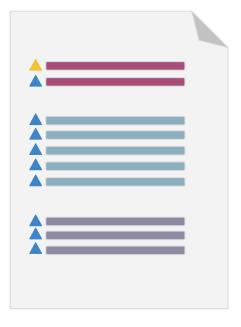
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Common-Ground	Politicians are meant to act in the interests of their people.
Statistic	In the early 1900s, Argentina ranked among the world's top 10 in per capita income.
Testimony	"I saw my brother drown in front of my eyes," said Hamid.

Editorial



▲ Thesis ▲ Justification

Summary



Summary should preserve the thesis and the most persuasive segments (presuming extractive summarization)

▲ Thesis ▲ Justification

Summary



A Thesis 🔺 Justification

- Summary should preserve the thesis and the most persuasive segments (presuming extractive summarization)
- A concrete definition of a high-quality summary is lacking

Summary



- Summary should preserve the thesis and the most persuasive segments (presuming extractive summarization)
- A concrete definition of a *high-quality* summary is lacking
- Scholarship on argument quality assessment provides the foundation [Wachsmuth et al., 2017a, 2017b]



Computational Argumentation Quality Assessment in Natural Language [Wachsmuth et al., 2017a] Argumentation Quality Assessment: Theory vs. Practice [Wachsmuth et al., 2017b]

News Editorials: Towards Summarizing Long Argumentative Texts

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1. Thesis-indicativeness

Summary explicitly contains the thesis or indicate its

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2. Persuasiveness

Summary aims to persuade the target audience of its thesis

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3. Reasonableness

Summary helps to reach the thesis and rebut plausible counter-arguments to it

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4. Conciseness

Summary is shorter than the editorial and avoid superfluous details

1. Thesis-indicativeness

Summary explicitly contains the thesis or indicate its

2. Persuasiveness

Summary aims to persuade the target audience of its thesis

3. Reasonableness

Summary helps to reach the thesis and rebut plausible counter-arguments to it

4. Conciseness

Summary is shorter than the editorial and avoid superfluous details

5. Self-containedness

Summary is comprehensible without referring to additional resources

Summary Creation

Editorial

Summary Creation





Summary Creation



- Webis-Editorials-16 Corpus of 300 editorials (each labeled with evidence types) as our data source [Al-Khatib et al. 2016]
- Excluded short editorials resulting in 266 editorials; summary length is fixed to 20%
- □ Each editorial was annotated by **five** workers with labels ▲ Thesis ▲ Justification
- Each summary can have up to two thesis segments

A News Editorial Corpus for Mining Argumentation Strategies [Al-Khatib et al., 2016]

Quality dimensions

Thesis-indicativeness, Persuasiveness, Reasonableness, Self-containedness

- Quality dimensions
 Thesis-indicativeness, Persuasiveness, Reasonableness, Self-containedness
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- Reasonableness is significantly correlated with Persuasiveness and Self-Containedness



2015: Beyond Obama, new Congress, we need a revival of the American spirit. [Fox News. 2015]

High-quality summary

A Pew Research Center study confirms one trend that has been obvious over several years. The "typical" American family is no longer typical. Just 46 percent of American children now live in homes with their married, heterosexual parents. Five percent have no parents at home. They most likely are living with grandparents, says the study. A major contributor to this trend has been the assault on marriage and other institutions by the Baby Boom generation. It was that generation that promoted cohabitation, no-fault divorce, hatred of the police(they called them "pigs" then, too) and disdain for the military and America, spawned not just by the Vietnam War but a life of relative ease unknown to their parents.

	Thesis-indicativeness	Persuasiveness	Reasonableness	Self-containedness
Majority	×	\checkmark	\checkmark	V

Example

2015: Beyond Obama, new Congress, we need a revival of the American spirit. [Fox News. 2015]

Low-quality summary

the stock market is at record highs. A Pew Research Center study confirms one trend that has been obvious over several years. In the film, "Girl Interrupted," Winona Ryder plays an 18-year-old who enters a mental institution for what is diagnosed as borderline personality disorder. These startling figures about the decline of the American family contrast with the year 1960. It was that generation that promoted cohabitation, no-fault divorce, hatred of the police(they called them "pigs" then, too) and disdain for the military and America, spawned not just by the Vietnam War but a life of relative ease unknown to their parents. Since the elimination of the draft, young people are no longer expected to serve in the military and so most of them pursue whatever goals they wish with no expectation they should give something back to their country. All empires begin, writes Glubb, with the age of pioneers, followed by ages of conquest, commerce, affluence, intellect and decadence.

	Thesis-indicativeness	Persuasiveness	Reasonableness	Self-containedness	
Majority	×	×	×	×	

Conclusion

Contributions

- A unified scheme for annotating and evaluating summaries of editorials
- Webis-EditorialSum-2020 Corpus containing 1330 summaries for 266 editorials (90% of editorials have at least 3 high-quality summaries, 52% have 5 high-quality summaries)
- Detailed analyses of summary structure, evidence types and summary quality

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- □ Summaries are extractive in nature
- Larger corpora following our annotation scheme are required for training end-to-end models

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Corpus	Resources
webis.de/data/webis-editorialsum-20	github.com/webis-de/coling-20
itorials: Towards Summarizing Long Argumentative Texts	