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— 2019.08.12 Annie —

Some statistics

- Topics: 15
- Premises: 329
(78.71%)
- Conclusion: 89
- Saudi Arabia
- Racism
- Prostitution
- Poverty
- Pornography
- Child Pornography
- Marijuana
- Human Rights
- Status of Women
- Immigration
- Abortion
- Criminal Code
- Body Shaming
- Human Rights in Sudan
- Abortions

Fleiss Kappa

- conclusion / premise / non-argumentative: 0.2197
- conclusion / non-conclusion: 0.4033

Cross domain experiments

Student Essays as training set	accuracy (%)	incorrectly labeled premise	incorrectly labeled conclusion
baseline	78.71 (329 premise + 89 conclusion)		
content-length_pos-ngrams_token-ngrams	77.03%	9	87
content-length_pos-ngrams	77.75%	7	86
content-length_token-ngrams	77.75%	8	84
content-length	62.44%	92	65
pos-ngrams_token-ngrams	77.99%	5	87
pos-ngrams	78.71%	1	88
token-ngrams	78.47%	8	82
position	78.71%	0	89

Debatepedia as training set	accuracy (%)	incorrectly labeled premise	incorrectly labeled conclusion
baseline	78.71 (329 premise + 89 conclusion)		
content-length_pos-ngrams_token-ngrams	74.16%	28	80
content-length_pos-ngrams	75.36%	27	76
content-length_token-ngrams	73.68%	26	84
content-length	69.62%	58	69
pos-ngrams_token-ngrams	75.83%	23	78
pos-ngrams	75.83%	22	79
token-ngrams	71.53%	38	81