

The following outputs are model outputs separately run on the clusters that we got from hierarchical clustering: clean_c0_neg, clean_c1_neg, clean_c2_neg, clean_c3_neg, clean_c4_neg, clean_c5_neg, clean_c6_neg, clean_c0_pos, clean_c1_pos, and clean_c2_pos. In total we had 10 clusters after hierarchical clustering and we can re-cluster the clusters based on the topics we got from the LDA model. Every 3 outputs are based on the same cluster.

Wall time: 18min 54s

World Culture

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['american', 'world', 'people', 'political', 'documentary', 'propaganda', 'dream', 'stone', 'german', 'soldier', 'london', 'salman', 'audience', 'british', 'black', 'family', 'seberg', 'japanese', 'history', 'niven']
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Musical-feminism-taylor

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['character', 'story', 'woman', 'performance', 'novel', 'actor', 'version', 'seems', 'scene', 'played', 'young', 'director', 'play', 'great', 'rather', 'year', 'taylor', 'musical', 'richard', 'look']
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```
['character', 'scene', 'story', 'people', 'first', 'think', 'acting', 'watch', 'actor', 'better', 'little', 'never', 'nothing', 'something', 'film', 'watching', 'minute', 'actually', 'going', 'great']
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Wall time: 25.7 s

Horror-politics-vampire

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['people', 'scene', 'flick', 'film', 'horror', 'make', 'story', 'acting', 'infected', 'group', 'woman', 'character', 'military', 'death', 'revolt', 'first', 'fulci', 'watching', 'worst', 'ireland']
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['people', 'still', 'acting', 'vampire', 'effect', 'think', 'story', 'lounge', 'nothing', 'never', 'scene', 'woman', 'living', 'better', 'whole', 'sound', 'watch', 'film', 'horror', 'government']
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['scene', 'actually', 'budget', 'film', 'watch', 'acting', 'story', 'little', 'woman', 'think', 'original', 'character', 'first', 'better', 'flick', 'people', 'anything', 'worst', 'white', 'nothing']
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Slasher-horror-scarecrow

Wall time: 5min 42s

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['character', 'scene', 'horror', 'killer', 'first', 'slasher', 'film', 'people', 'comedy', 'story', 'funny', 'better', 'still', 'around', 'think', 'though', 'seems', 'going', 'little', 'acting']
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['acting', 'worst', 'people', 'watch', 'funny', 'character', 'think', 'watching', 'actor', 'scene', 'waste', 'first', 'better', 'horror', 'never', 'actually', 'money', 'story', 'nothing', 'something']
```

```
['character', 'scene', 'freddy', 'horror', 'killer', 'story', 'scarecrow', 'stupid', 'night', 'nothing', 'friend', 'film', 'people', 'worst', 'never', 'around', 'every', 'slasher', 'still', 'first']
```

Wall time: 20.8 s

['character', 'book', 'story', 'woman', 'first', 'point', 'never', 'zenia', 'morvern', 'people', 'think', 'reading', 'maybe', 'little', 'novel', 'series', 'better', 'every', 'supposed', 'winston']

['character', 'book', 'story', 'series', 'watch', 'never', 'great', 'scene', 'people', 'original', 'first', 'house', 'around', 'script', 'still', 'nothing', 'example', 'rather', 'leonard', 'mitchell']

['character', 'story', 'think', 'people', 'never', 'better', 'book', 'actor', 'acting', 'might', 'nothing', 'another', 'reason', 'version', 'someone', 'still', 'however', 'great', 'seeing', 'watch']

Wall time: 12.1 s

Vampire-magic-horror

['character', 'first', 'witchcraft', 'think', 'scene', 'blood', 'though', 'look', 'actor', 'great', 'better', 'pretty', 'another', 'story', 'master', 'might', 'fight', 'terribly', 'problem', 'played']

['blood', 'horror', 'scene', 'character', 'story', 'dracula', 'another', 'student', 'something', 'point', 'acting', 'look', 'friend', 'funny', 'savage', 'minute', 'pretty', 'whole', 'looking', 'hunter']

['watch', 'scene', 'character', 'first', 'worst', 'effect', 'least', 'hunter', 'horror', 'think', 'atwill', 'alien', 'bloodsucker', 'pretty', 'lionel', 'dwight', 'film', 'space', 'human', 'sci-fi']

Wall time: 1min 22s

Batman-tv series

['episode', 'show', 'series', 'character', 'power', 'watch', 'first', 'season', 'something', 'people', 'every', 'think', 'ranger', 'better', 'story', 'never', 'watching', 'another', 'television', 'actor']

['episode', 'series', 'character', 'story', 'people', 'first', 'watch', 'season', 'think', 'funny', 'springer', 'jerry', 'show', 'something', 'better', 'great', 'little', 'batman', 'minute', 'original']

['batman', 'episode', 'character', 'people', 'first', 'season', 'scooby', 'think', 'series', 'show', 'watching', 'funny', 'better', 'going', 'watch', 'shaggy', 'point', 'nothing', 'great', 'still']

Wall time: 10.8 s

actors

['first', 'pretty', 'effect', 'something', 'horror', 'karen', 'stefan', 'stirba', 'although', 'character', 'scene', 'special', 'woman', 'script', 'going', 'great', 'probably', 'danning', 'sense', 'awful']

['woman', 'scene', 'first', 'story', 'character', 'minute', 'acting', 'daniela', 'better', 'watch', 'people', 'world', 'borel', 'nudity', 'ancestor', 'talking', 'think', 'rather', 'title', 'becomes']

['scene', 'first', 'danning', 'character', 'effect', 'pretty', 'sybil', 'christopher', 'stirba', 'acting', 'darkwolf', 'howling', 'original', 'story', 'little', 'flick', 'sequel', 'horror', 'video', 'special']

Positive

Wall time: 2min 57s

['episode', 'series', 'season', 'character', 'first', 'great', 'story', 'show', 'think', 'watch', 'still', 'watching', 'always', 'people', 'columbo', 'year', 'never', 'actor', 'though', 'scene']

['episode', 'series', 'first', 'character', 'watch', 'great', 'gundam', 'fred', 'story', 'year', 'think', 'still', 'season', 'show', 'every', 'sabrina', 'never', 'original', 'friend', 'later']

['spock', 'planet', 'kolchak', 'enterprise', 'earth', 'episode', 'family', 'mccoy', 'captain', 'character', 'vulcan', 'series', 'year', 'time', 'three', 'abigail', 'first', 'edmund', 'james', 'death'] **Startrack**

Wall time: 27min 14s

Young team/woman/musical

['story', 'character', 'people', 'world', 'young', 'woman', 'scene', 'first', 'performance', 'family', 'film', 'father', 'great', 'director', 'year', 'never', 'human', 'still', 'actor', 'think']

['great', 'character', 'story', 'scene', 'think', 'watch', 'first', 'people', 'little', 'film', 'still', 'never', 'actor', 'acting', 'funny', 'better', 'watching', 'comedy', 'performance', 'though']

['great', 'film', 'scene', 'musical', 'story', 'performance', 'director', 'play', 'character', 'stewart', 'comedy', 'number', 'little', 'first', 'murder', 'actor', 'woman', 'young', 'played', 'dance']

Wall time: 12.1 s

Mario-spiderman-superhero-game

['game', 'first', 'spiderman', 'graphic', 'comic', 'show', 'played', 'level', 'time', 'payne', 'contestant', 'superhero', 'spider-man', 'horror', 'though', 'something', 'person', 'hour', 'better', 'expect']

['level', 'game', 'graphic', 'james', 'mario', 'great', 'world', 'think', 'weapon', 'first', 'enemy', 'voice', 'bowser', 'gameplay', 'character', 'every', 'quite', 'secret', 'around', 'system']

['game', 'mission', 'great', 'story', 'character', 'still', 'played', 'scene', 'final', 'chess', 'every', 'time', 'control', 'super', 'first', 'mario', 'graphic', 'series', 'playing', 'around']