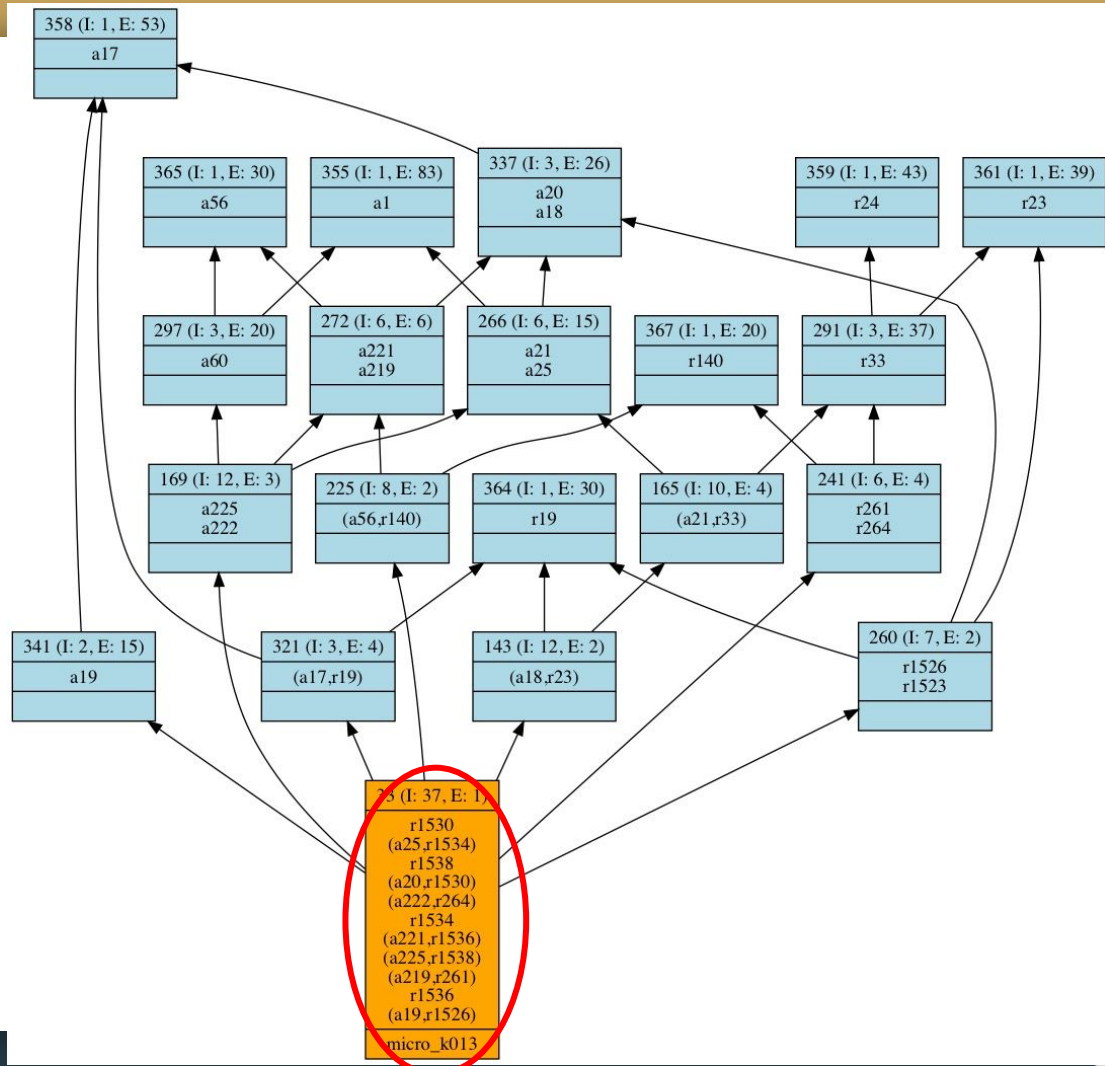




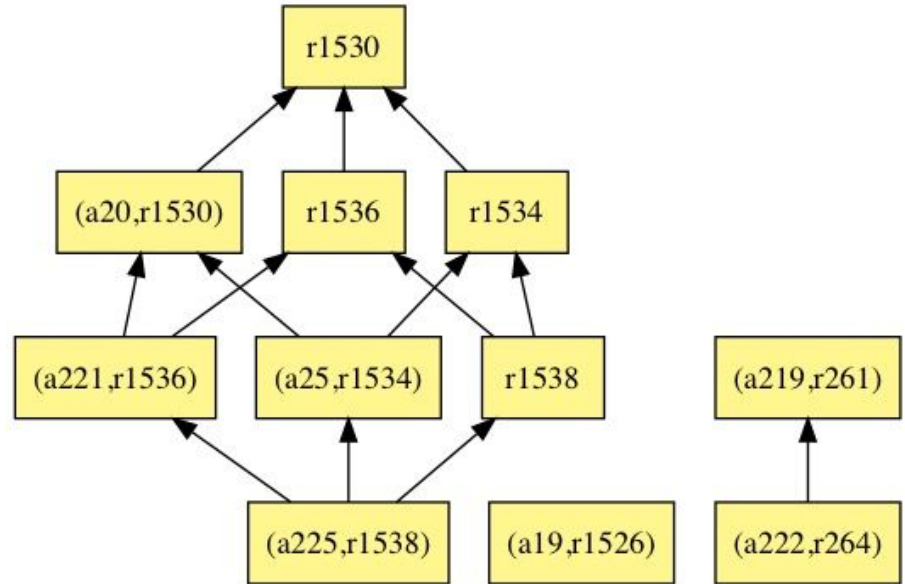
scenario 1



# intent specialization

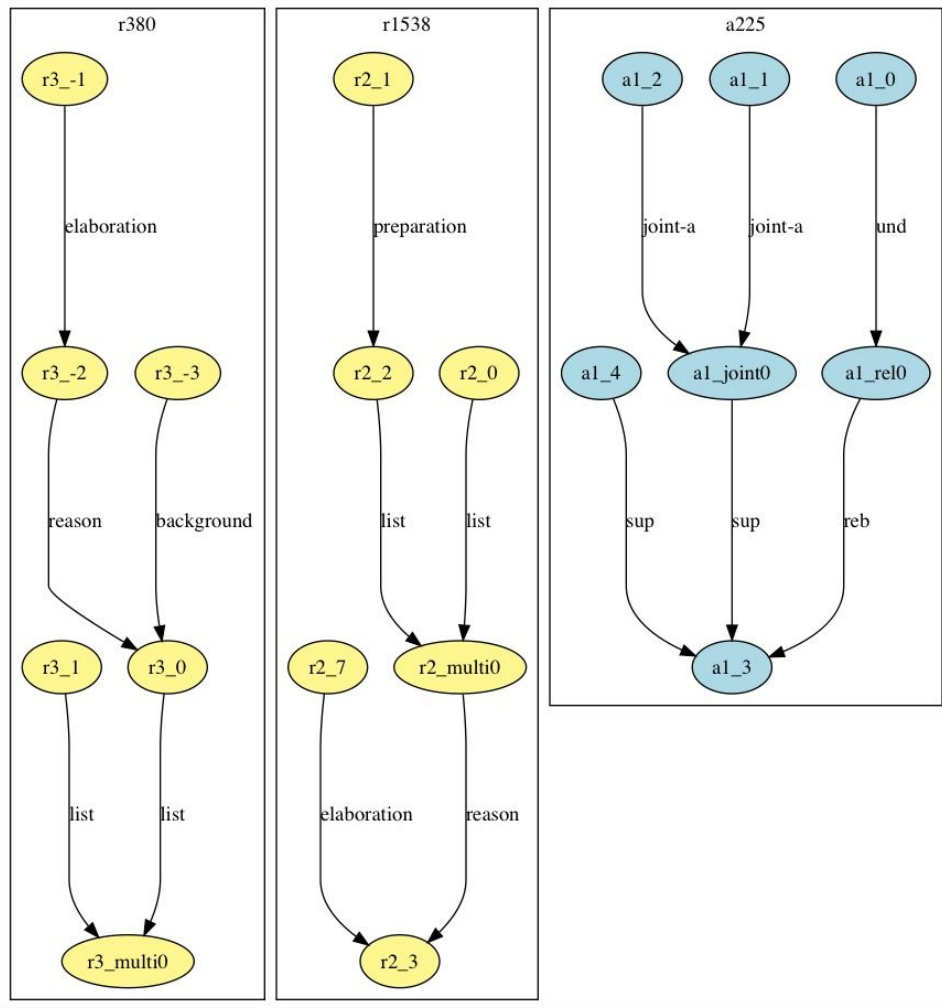
$a20 \leftarrow a221 \mid a25 \leftarrow a225$

$r1530 \leftarrow r1536 \mid r1534 \leftarrow r1538$

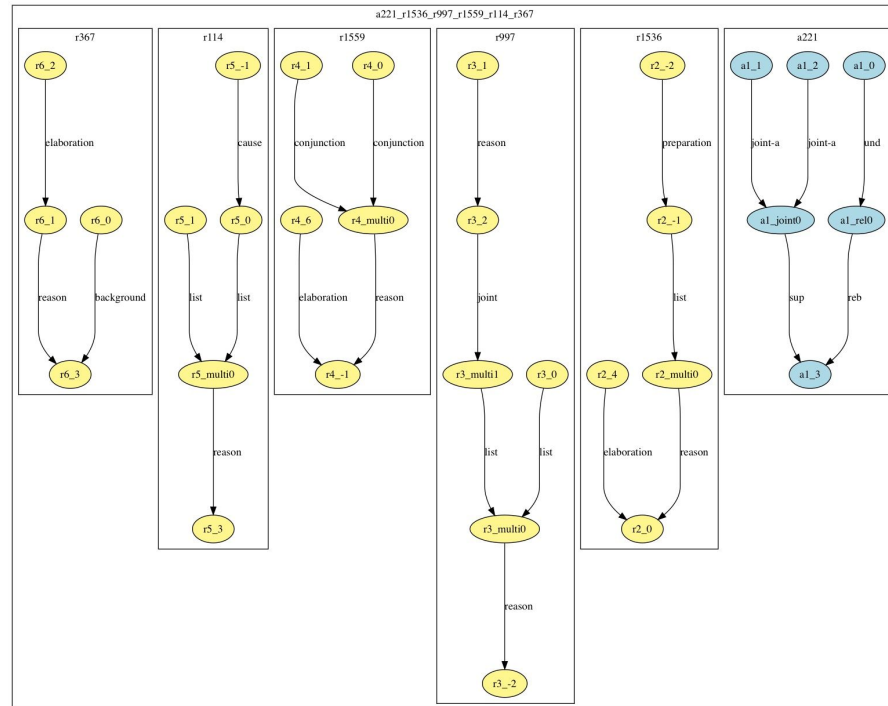




a225\_r1538\_r380

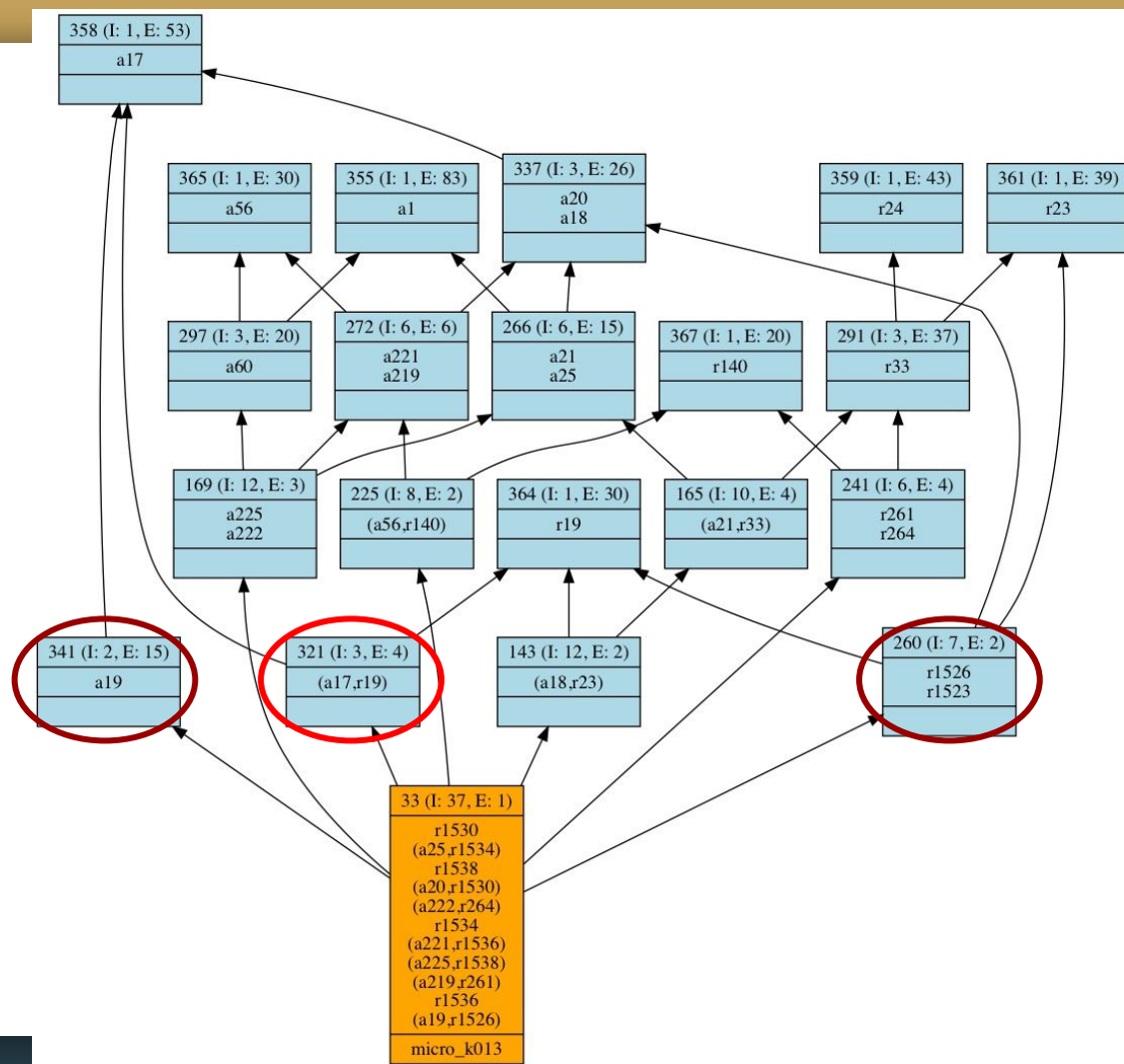


a221\_r1536\_r997\_r1559\_r114\_r367





scenario 2



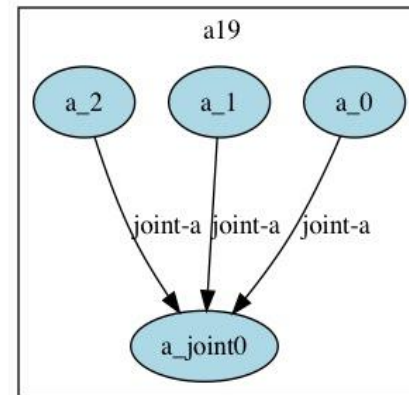
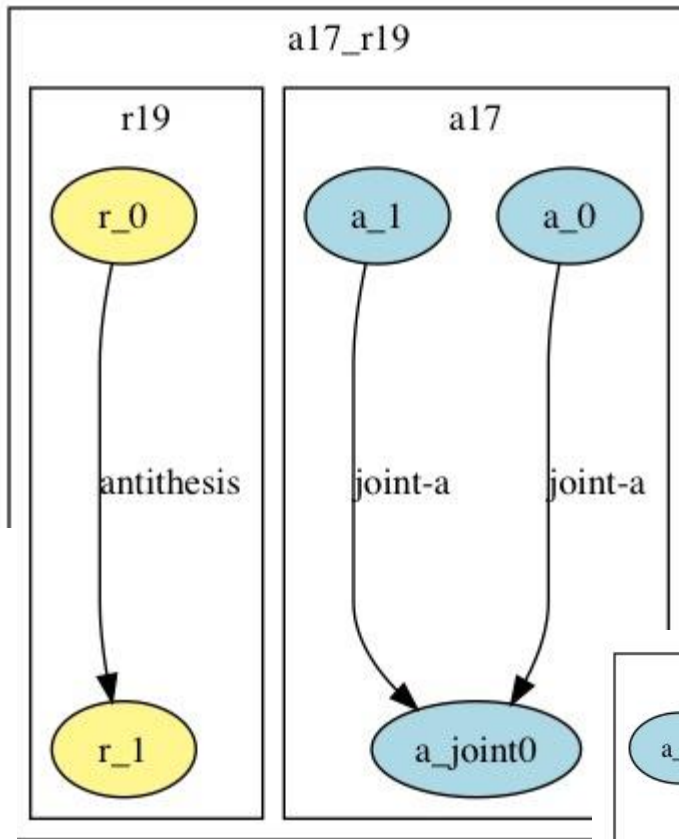
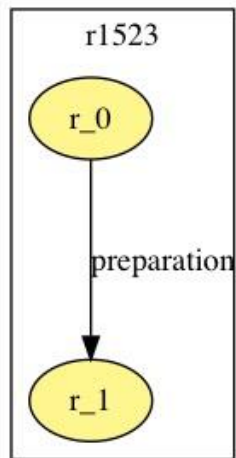
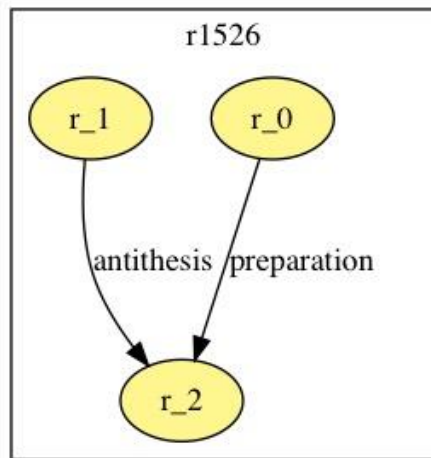
**(a17, r19):** 4 extents

a17: 53 extents

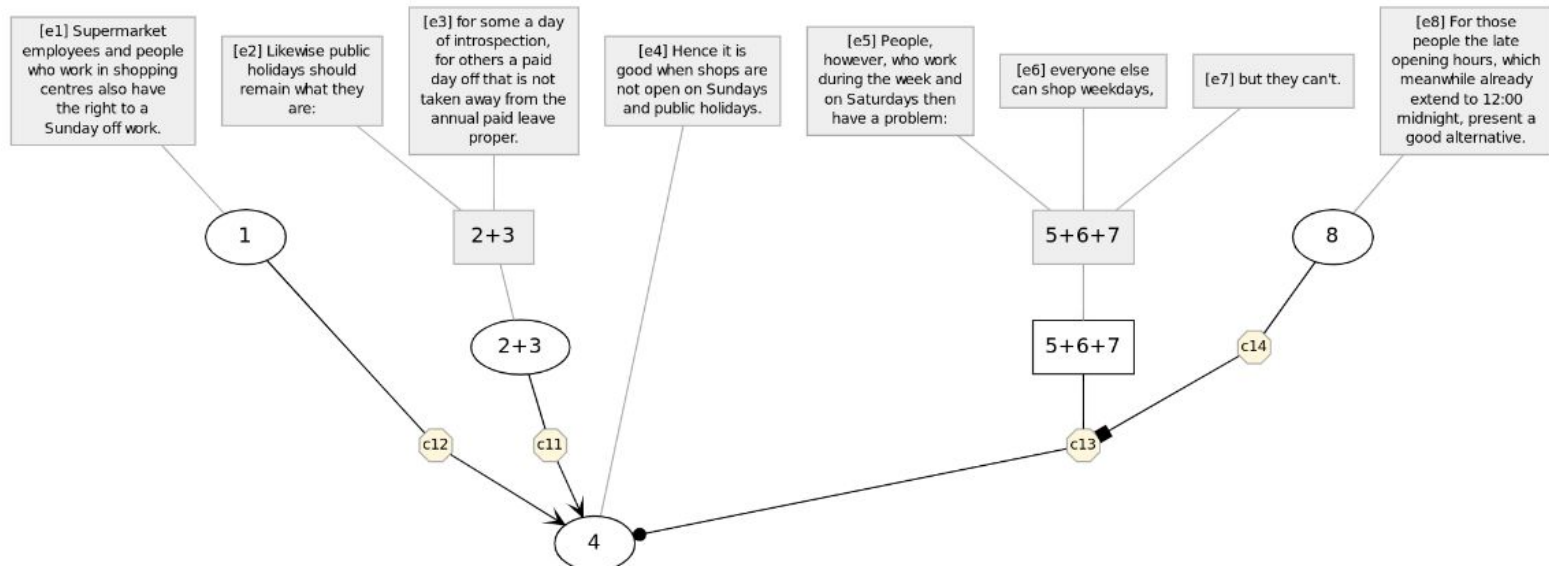
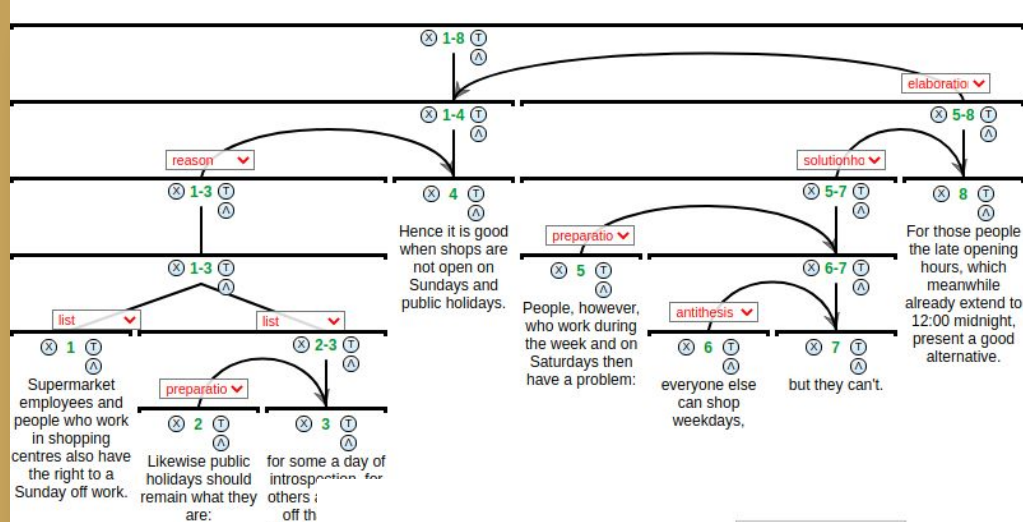
← a19: 15 extents

r19: 30 extents

← r1526 | r1523 : 2 extents



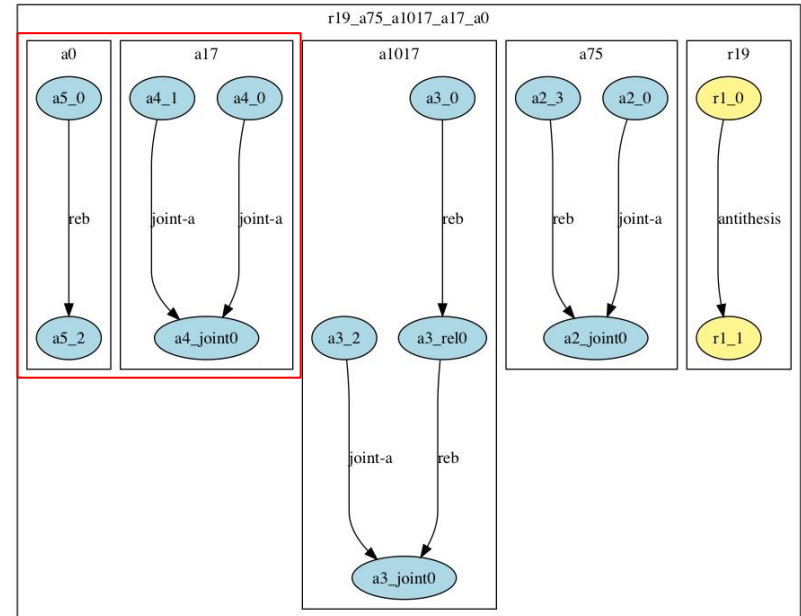




('a75', 'r19') : 1 extent  
 ('a1017', 'r19') : 1 extent  
 ('a0', 'r19') : 10 extents  
 ('a17', 'r19') : 4 extents

**jaccard** index:  $14 / (30+14) = 0.318$

# text: 14



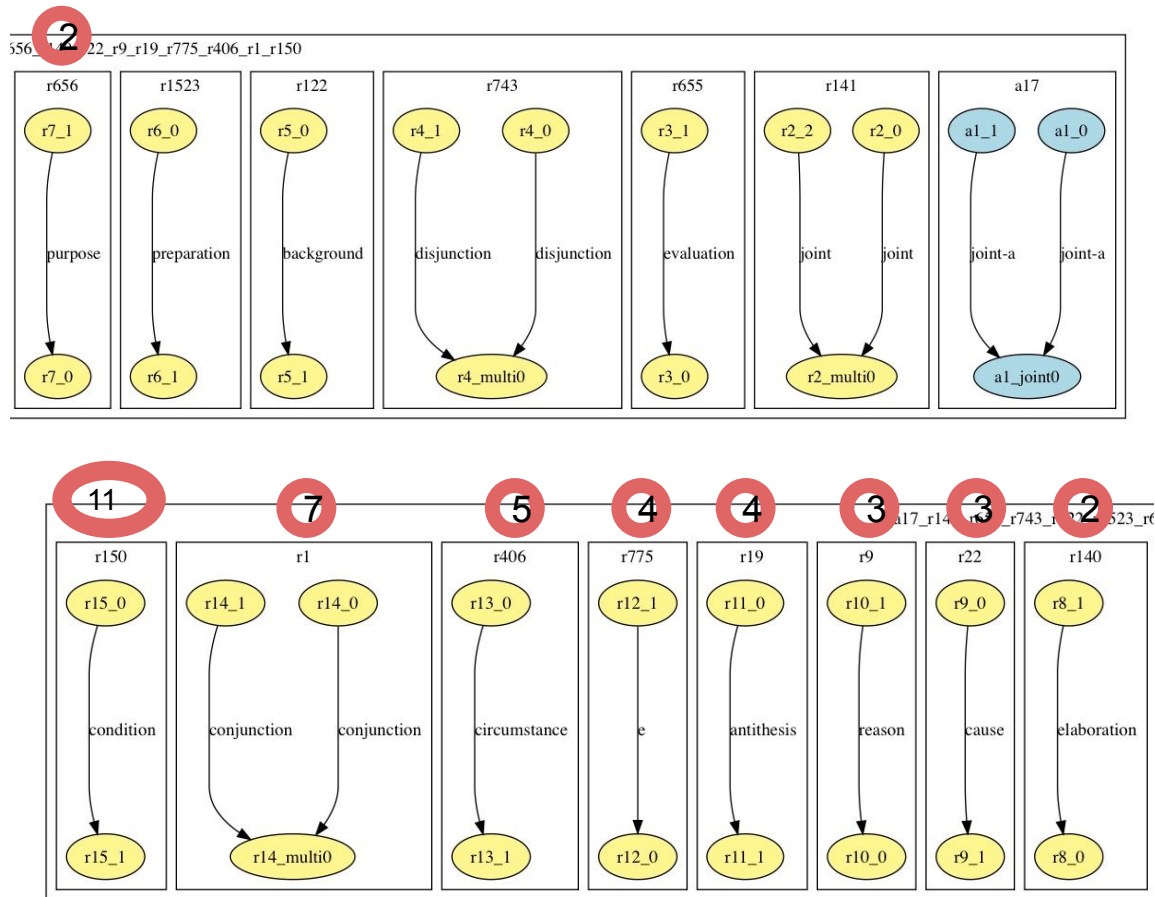
```
df2 = df.filter(regex="'a17'")
df2.loc[112]
```

```
('a17', 'r406')      5
('a17', 'r655')      1
('a17', 'r1523')     1
('a17', 'r140')      2
('a17', 'r743')      1
('a17', 'r9')        3
('a17', 'r150')     11
('a17', 'r141')      1
('a17', 'r656')      2
('a17', 'r19')       4
('a17', 'r122')      1
('a17', 'r22')       3
('a17', 'r775')      4
('a17', 'r1')        7
```

Name: 112, dtype: int64

jaccard index: 41 / (53+41) = 0.4361

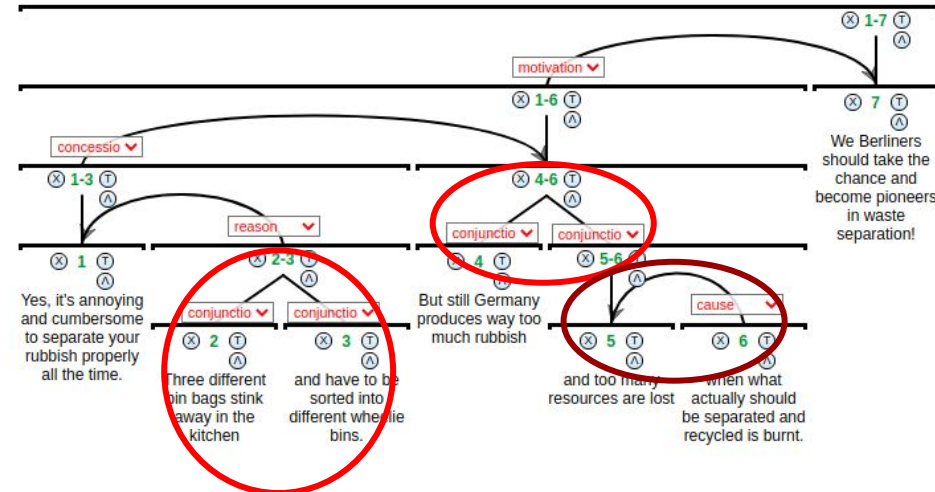
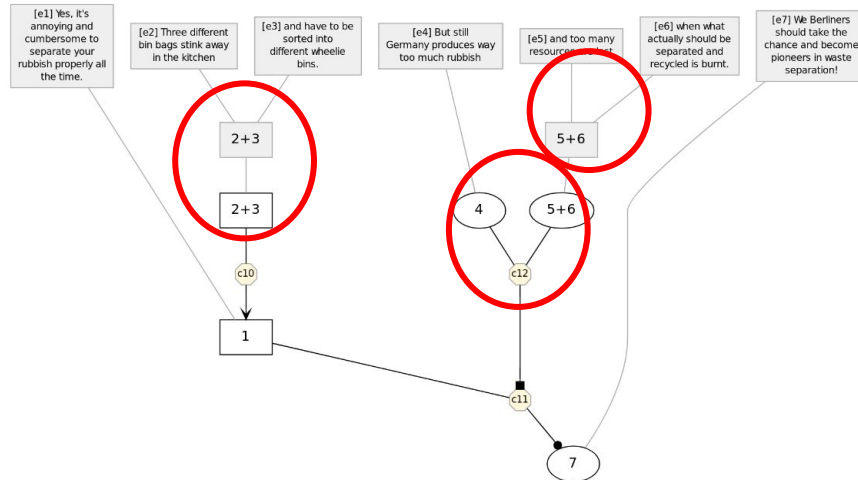
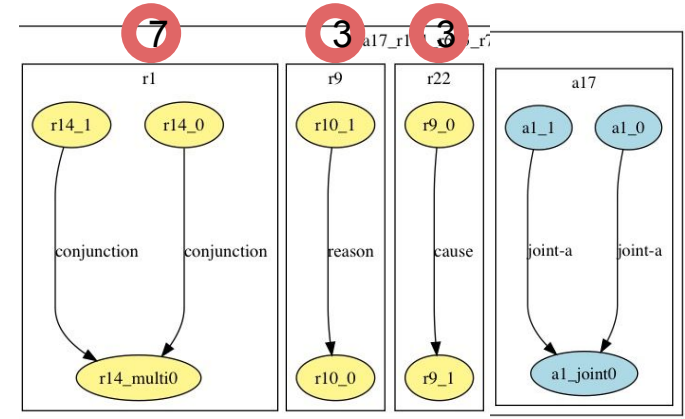
# text: 41



jaccard index:  $41 / (53+41) = 0.4361$

# text: 41

- ARG - joint/linking: linked premises in Freeman's theory
  - Note, that this combination of premises is not only possible for supporting moves but also for attacking moves.



# RECALL difference between cause and reason

RST

Relation Name	Constraints on either S or N individually	Constraints on N + S	Intention of W
<u>Non-volitional Cause</u>	on N: N is not a volitional action	S, by means other than motivating a volitional action, caused N; without the presentation of S, R might not know the particular cause of the situation; a presentation of N is more central than S to W's purposes in putting forth the N-S combination.	R recognizes S as a cause of N
<u>Volitional Cause</u>	on N: N is a volitional action or else a situation that could have arisen from a volitional action	S could have caused the agent of the volitional action in N to perform that action; without the presentation of S, R might not regard the action as motivated or know the particular motivation; N is more central to W's purposes in putting forth the N-S combination than S is.	R recognizes S as a cause for the volitional action in N

- **Causation:** 5 varieties of the Causal relation  $p \rightarrow q$

the power to make your own decisions (Cambridge Dictionary)

**Cause** – Effect

– volition

(42) Because he is ill, he will not attend the meeting. ( $p - q$ )

(43) He could not attend the meeting. His flight was delayed. ( $q - p$ )

**Reason** – Result

+ volition

(44) He does not want to join us, because he hates parties. ( $q - p$ )

(45) He wanted to please his girlfriend. So, he cancelled his business trip. ( $p - q$ )

**(a17, r19):** 4 extents

**(a19, r1526):** 1 extent

