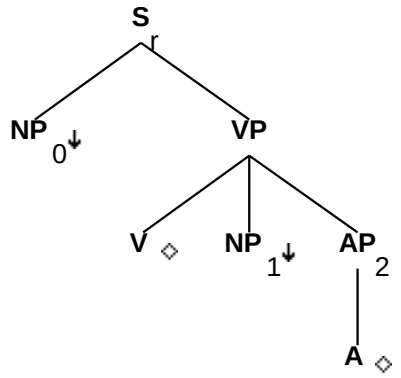
Family "TRnx0Vnx1A2"

March 5, 2008

1 Tree "alphaRnx0Vnx1A2"

1.1 graphe



1.2 comments

```
Adjectival resultative construction:

'Max hammered the metal flat'
'The runners ran their shoes threadbare'
```

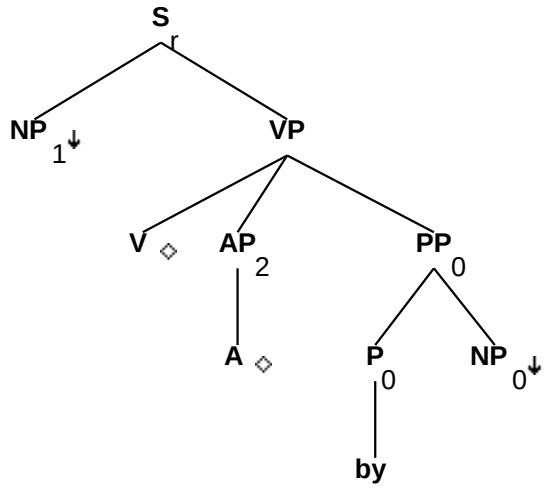
1.3 features

```
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<extracted> = -
S_r.b:<control> = NP_0.t:<control>
S_r.b:<wh> = NP_0.t:<wh>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
```

```
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<assign-case> = VP.t:<assign-case>

NP_0.t:<wh> = -
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
NP_1.t:<case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

2 Tree "alphaRnx1VA2bynx0"

2.1 graphe



2.2 comments

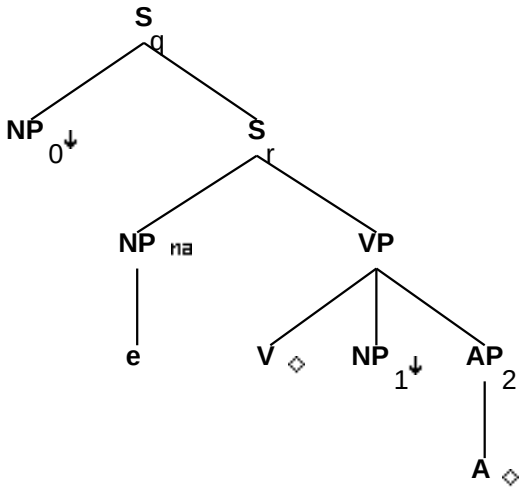
```
Passive on an adjectival resultative (w/ by-phrase):

'The metal was hammered flat by Max'
'The shoes were run theradbare by the runners'
```

2.3 features

```
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<extracted> = -
S_r.b:<control> = NP_1.t:<control>
S_r.b:<wh> = NP_1.t:<wh>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_1.t:<wh> = -
NP_1.t:<agr> = S_r.b:<agr>
NP_1.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
PP_0.b:<wh> = NP_0.t:<wh>
P_0.b:<assign-case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

3 Tree "alphaRW0nx0Vnx1A2"

3.1 graphe



3.2 comments

```
Wh on the subject of an adjectival resultative:

 'Who hammered the metal flat'
 'Who danced their soles thin'

check the agr equation on  NP0
```

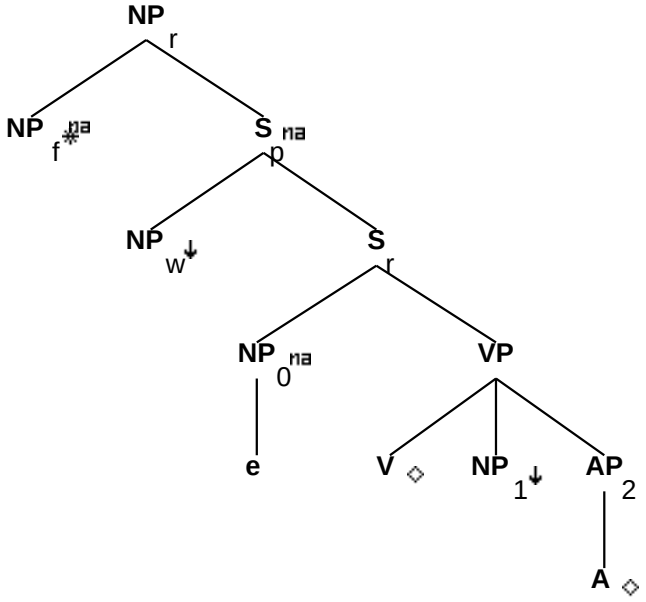
3.3 features

```
S_q.b:<extracted> = +
S_q.b:<comp> = nil
S_q.b:<wh> = NP_0.t:<wh>
S_q.b:<mode> = S_r.t:<mode>

S_q.b:<inv> = S_r.t:<inv>
NP_0.t:<wh> = +
S_r.t:<comp> = nil

S_r.t:<conj> = nil
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm

S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
```

```
S_r.b:<assign-comp> = VP.t:<assign-comp>

NP.t:<trace> = NP_0.t:<trace>
NP.t:<agr> = NP_0.t:<agr>
NP.t:<case> = NP_0.t:<case>
NP.t:<wh> = NP_0.t:<wh>
NP.t:<agr> = S_r.b:<agr>
NP.t:<case> = S_r.b:<assign-case>
NP_1.t:<case> = acc

VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

4 Tree "betaRN0nx0Vnx1A2"

4.1 graphe



4.2 comments

```
Relative clause on the subject of an adjectival resultative w/ overt
wh. relative pronoun:

'(I saw) the girl who painted the barn red'
'(I know) the runners who ran their soles thin'
```

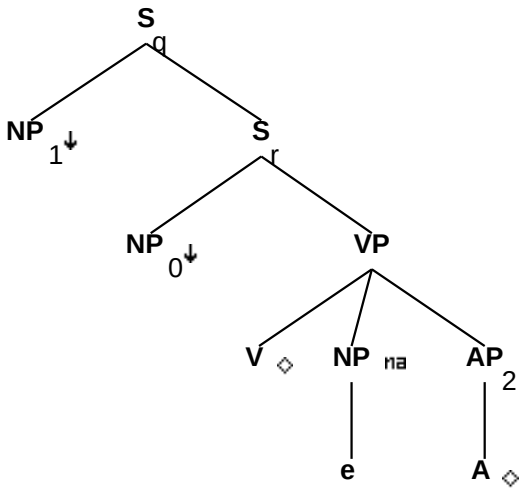
4.3 features

```
NP_r.b:<rel-clause> = +
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<compar> = NP_f.t:<compar>

NP_f.b:<case> = nom/acc
NP_f.b:<refl> = -
NP_w.t:<wh> = +
NP_w.t:<trace> = NP_0.t:<trace>
NP_w.t:<case> = NP_0.t:<case>
NP_w.t:<agr> = NP_0.t:<agr>
S_r.t:<conj> = nil
S_r.t:<comp> = nil

S_r.t:<mode> = inf/ind
S_r.t:<inv> = -

S_r.b:<comp> = nil
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>

VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
NP_1:<case> = acc
AP_2.b:<wh> = A.t:<wh>
```

```
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

5 Tree "alphaRW1nx0Vnx1A2"

5.1 graphe



5.2 comments

```
Wh question on the object of an  adjectival resultative:
 'What did John hammer flat'
 'What did the runners run threadbare'
```

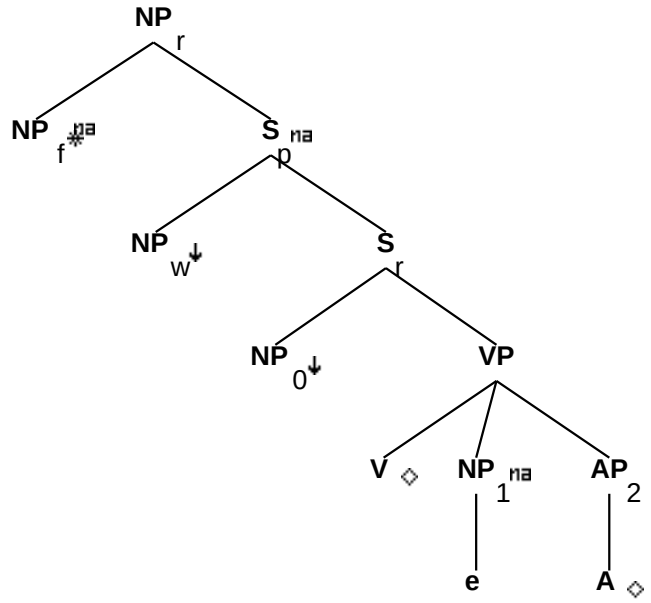
5.3 features

```
S_q.b:<extracted> = +
S_q.b:<comp> = nil
S_q.b:<inv> = S_q.b:<invlink>
S_q.b:<wh> = NP_1.t:<wh>
S_q.b:<inv> = S_r.t:<inv>
S_q.b:<mode> = S_r.t:<mode>


S_r.t:<comp> = nil
S_r.t:<conj> = nil
S_r.b:<comp> = nil
S_r.b:<inv> = -
S_r.b:<control> = NP_0.t:<control>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
```

```
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
S_r.b:<tense> = VP.t:<tense>
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
V.t:<punct struct> = nil
NP.t:<case> = acc
NP.t:<trace> = NP_1.t:<trace>
NP.t:<agr> = NP_1.t:<agr>
NP.t:<case> = NP_1.t:<case>
NP.t:<wh> = NP_1.t:<wh>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

6 Tree "betaRN1nx0Vnx1A2"

6.1 graphe



6.2 comments

Relative clause on the object of an adjectival resultative (w/ overt wh relative pronoun):

'(I saw) the tulips which the gardener watered flat'
'(I saw) the shoes which the runners ran theradbare'

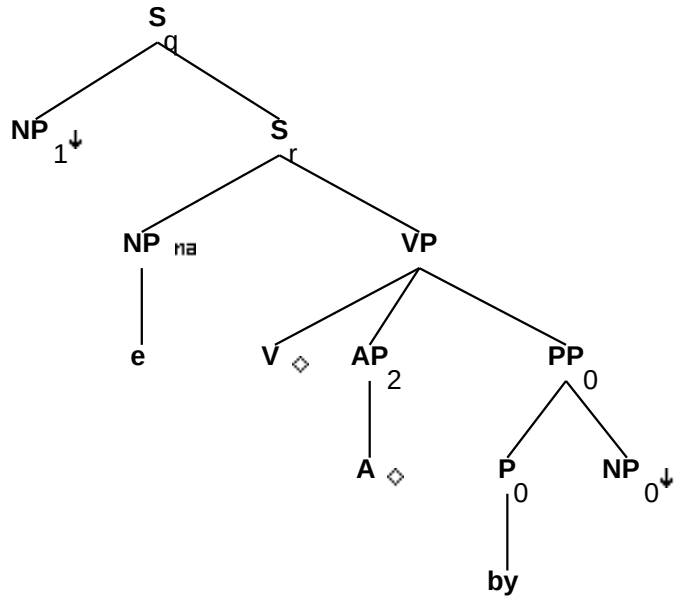
6.3 features

```
NP_r.b:<rel-clause> = +
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

NP_f.b:<case> = nom/acc
NP_f.b:<refl> = -
NP_w.t:<wh> = +
NP_w.t:<trace> = NP_1.t:<trace>
NP_w.t:<case> = NP_1.t:<case>
NP_w.t:<agr> = NP_1.t:<agr>

S_r.t:<mode> = ind/inf
S_r.t:<conj> = nil
```

```
S_r.t:<comp> = nil
S_r.t:<inv> = -

S_r.b:<comp> = nil
S_r.b:<control> = NP_0.t:<control>

S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mode> = V.t:<mode>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
V.t:<punct struct> = nil
NP_1.t:<case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

7 Tree "alphaRW1nx1VA2bynx0"

7.1 graphe



7.2 comments

Wh question on NP1 in passivized adjectival resultaive constructions (with by-phrase):

'What was painted red by Max'
'What was danced thin by the dancers'

7.3 features

S_q.b:<extracted> = +
S_q.b:<comp> = nil
S_q.b:<wh> = NP_1.t:<wh>

S_q.b:<inv> = S_r.t:<inv>
S_q.b:<mode> = S_r.t:<mode>
NP_1.t:<wh> = +
S_r.t:<comp> = nil

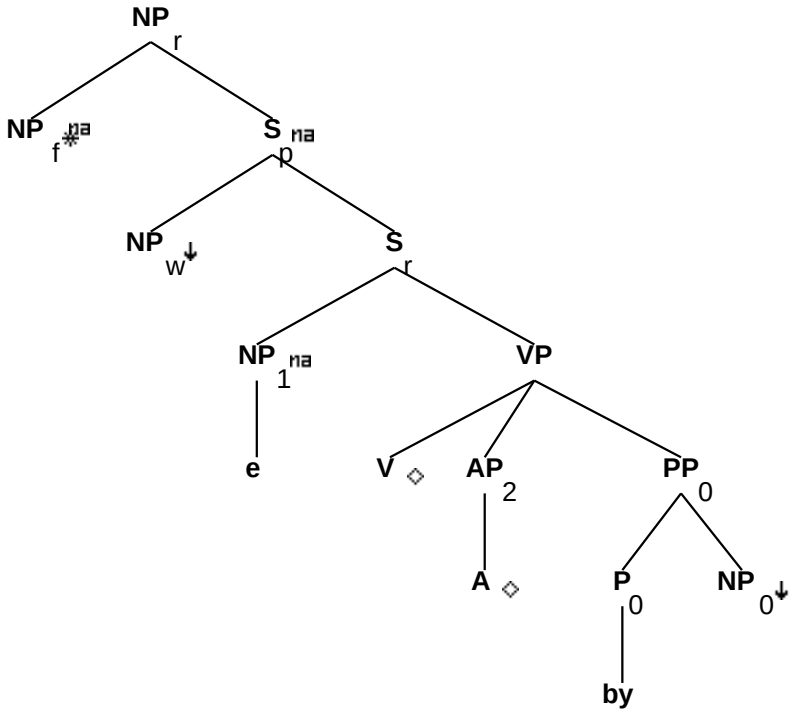
S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm

S_r.b:<comp> = nil
S_r.b:<inv> = -
S_r.b:<agr> = NP.t:<agr>
S_r.b:<assign-case> = NP.t:<case>
S_r.b:<mode> = VP.t:<mode>

```
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>

NP.t:<agr> = NP_1.t:<agr>
NP.t:<case> = NP_1.t:<case>
NP.t:<trace> = NP_1.t:<trace>
NP.t:<wh> = NP_1.t:<wh>

VP.b:<passive> = +
VP.b:<compar> = -
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<passive> = V.t:<passive>
V.t:<mode> = ppart
V.t:<passive> = +
V.t:<punct struct> = nil
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
PP_0.b:<wh> = NP_0:<wh>
P_0.b:<assign-case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

8 Tree "betaRN1nx1VA2bynx0"

8.1 graphe



8.2 comments

```
Relative clause, extraction from NP1 in passiveized adjectival resultative (w/ by-phrase):

'(I saw) the tulips which were watered flat by Max'
'I saw the shoes which were danced threadbare by the dancers'
```

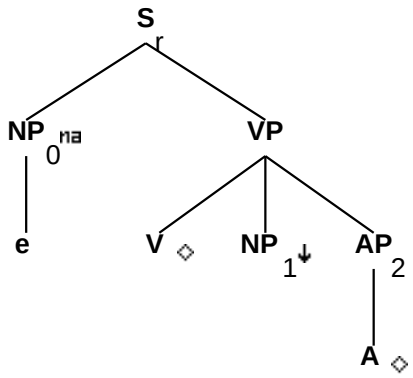
8.3 features

```
NP_r.b:<rel-clause> = +
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = nom/acc
NP_f.b:<refl> = -
NP_w.t:<wh> = +
NP_w.t:<case> = NP_1.t:<case>
NP_w.t:<agr> = NP_1.t:<agr>
NP_w.t:<trace> = NP_1.t:<trace>
```

```
S_r.t:<inv> = -
S_r.t:<mode> = ind/inf/ppart
S_r.t:<conj> = nil
S_r.t:<comp> = nil

S_r.b:<comp> = nil
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>

VP.b:<passive> = +
VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
V.t:<punct struct> = nil
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
PP_0.b:<wh> = NP_0.t:<wh>
P_0.b:<assign-case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

9 Tree "alphaRInx0Vnx1A2"

9.1 graphe



9.2 comments

```
Imperative adjectival resultative:

'Hammer the metal flat'
'Run the shoes threadbare'
```

9.3 features

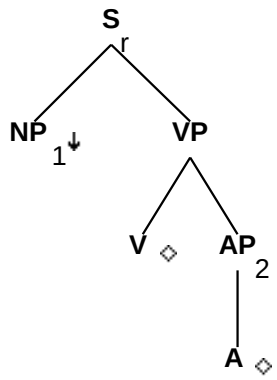
```
S_r.b:<extracted> = -
S_r.b:<comp> = nil
S_r.b:<inv> = -
S_r.b:<wh> = NP_0.t:<wh>

S_r.b:<mode> = imp
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
NP_0.t:<wh> = -
NP_0.t:<agr pers> = 2
NP_0.t:<agr 3rdsing> = -
NP_0.t:<agr num> = plur/sing
NP_0.t:<case> = nom
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>
VP.t:<tense> = pres
VP.t:<neg> = -
VP.t:<mode> = base
```

VP.b:<mode> = V.t:<mode>

VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
NP_1.t:<case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>

10 Tree "alphaRnx1VA2"

10.1 graphe



10.2 comments

Passive on adjectival resultative w/out by-phrase:

'The metal was hammered flat'
'The soles were dance thin'

10.3 features

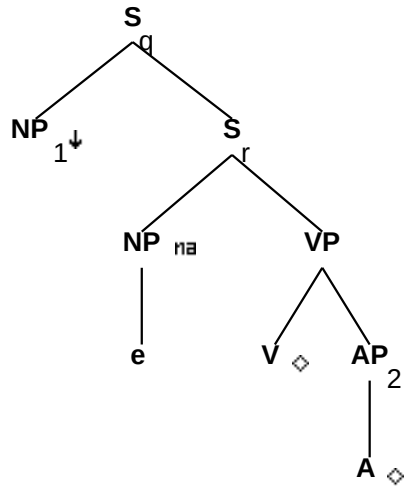
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<control> = NP_1.t:<control>
S_r.b:<wh> = NP_1.t:<wh>
S_r.b:<mode> = VP.t:<mode>

S_r.b:<progressive> = VP.t:<progressive>

```
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_1.t:<agr> = S_r.b:<agr>
NP_1.t:<case> = S_r.b:<assign-case>
NP_1.t:<wh> = -

VP.b:<compar> = -
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

11 Tree "alphaRW1nx1VA2"

11.1 graphe



11.2 comments

Wh question on NP1 in passivized adjectival resultative constructions, w/o by-phrase:

'What was painted red'
'What was danced thin'

11.3 features

S_q.b:<extracted> = +
S_q.b:<comp> = nil
S_q.b:<wh> = NP_1.t:<wh>

S_q.b:<inv> = S_r.t:<inv>
S_q.b:<mode> = S_r.t:<mode>
NP_1.t:<wh> = +
S_r.t:<comp> = nil

S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm

S_r.b:<comp> = nil
S_r.b:<inv> = -

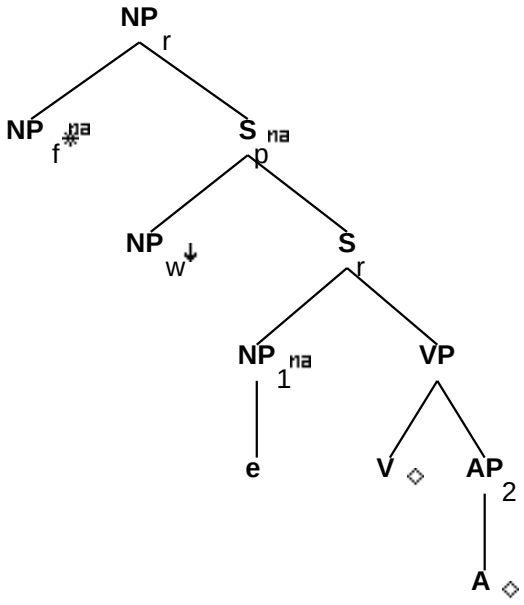
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP.t:<agr> = S_r.b:<agr>
NP.t:<case> = S_r.b:<assign-case>
NP.t:<trace> = NP_1.t:<trace>
NP.t:<agr> = NP_1.t:<agr>
NP.t:<case> = NP_1.t:<case>
NP.t:<wh> = NP_1.t:<wh>

VP.b:<passive> = +
VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>

AP_2.b:<equiv> = A.t:<equiv>

12 Tree "betaRN1nx1VA2"

12.1 graphe



12.2 comments

Relative clause, extraction from NP1 of a passivized adjectival resultative, w/o by-phrase:

'(I saw) the barn which was painted red'
'(I lost) the shoes which were danced threadbare'

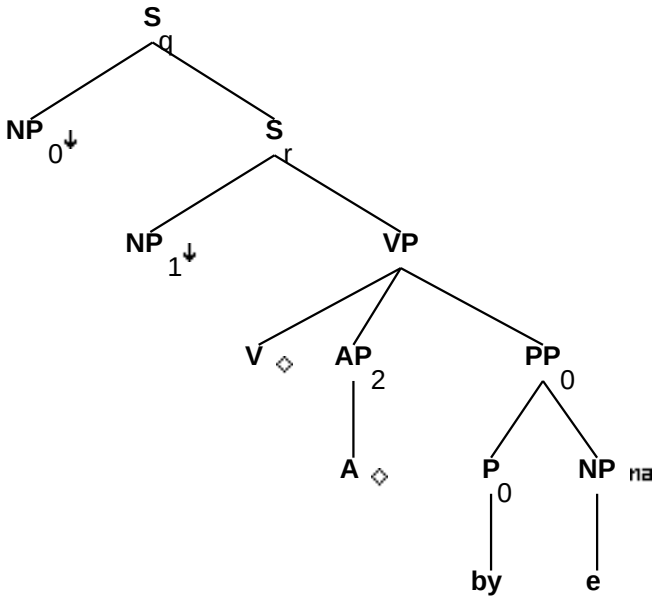
12.3 features

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<mode> = ind/inf
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>

```
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
V.t:<punct struct> = nil
NP_f.b:<refl> = -
S_r.t:<conj> = nil
NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

13 Tree "alphaRW0nx1VA2bynx0"

13.1 graphe



13.2 comments

```
Wh question, extraction from by-phrase of nx0  in passivized adjectival
resultative constructions:
'Who was the barn painted red by'
Topicalization:
'John the barn was painted red by'
```

13.3 features

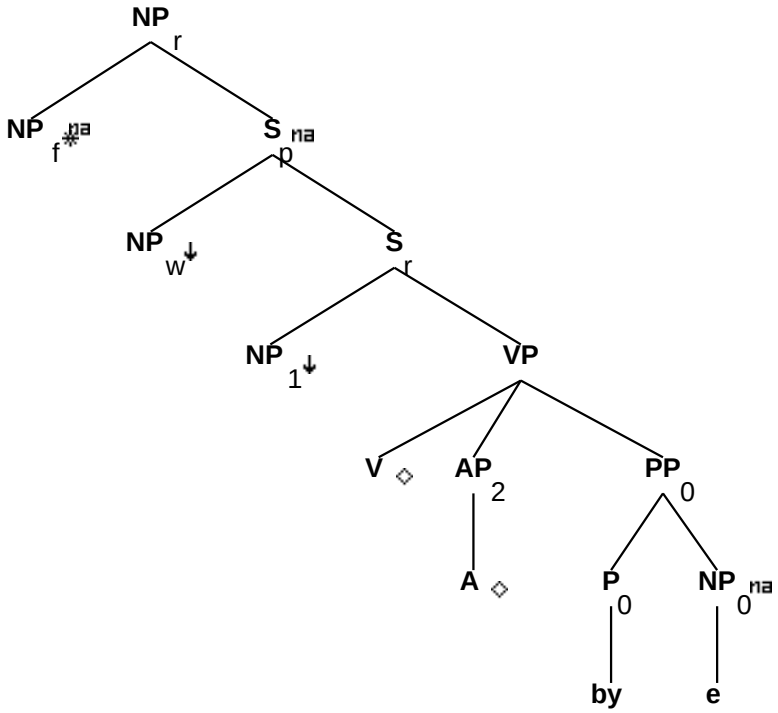
```
S_r.t:<comp> = nil
S_q.b:<extracted> = +
```

```
S_q.b:<wh> = NP_0:<wh>
S_q.b:<inv> = S_r.t:<inv>
S_q.b:<invlink> = S_q.b:<inv>
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
S_r.b:<inv> = -
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
```

```
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<control> = NP_1.t:<control>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
V.t:<punct struct> = nil
NP.t:<agr> = NP_0.t:<agr>
NP.t:<case> = NP_0.t:<case>
NP.t:<trace> = NP_0.t:<trace>
NP.t:<wh> = NP_0.t:<wh>
P_0.b:<assign-case> = acc
PP_0.b:<assign-case> = P_0.t:<assign-case>
NP:<case> = PP_0.b:<assign-case>
S_r.t:<conj> = nil
PP_0.b:<wh> = NP:<wh>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

14 Tree "betaRN0nx1VA2bynx0"

14.1 graphe



14.2 comments

That relative clause, extraction of NP0 from by-phrase of a passivized adjectival resultative:
'(I saw) the man who the barn was painted red by'

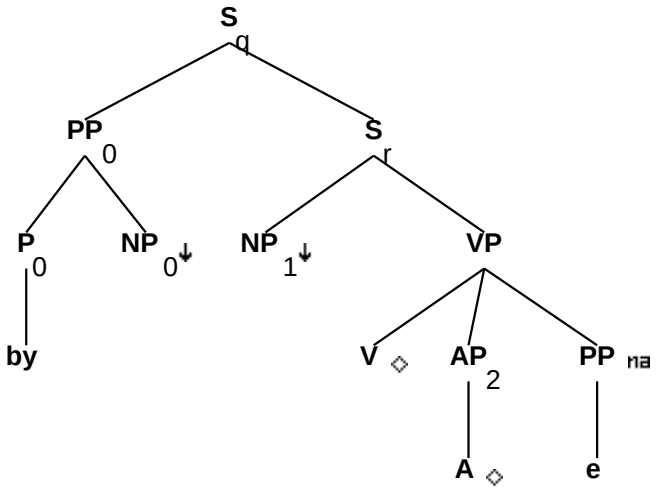
14.3 features

```
NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<mode> = ind/inf
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<control> = NP_1.t:<control>
```

```
VP.t:<mode> = ind
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
P_0.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_0.b:<trace>
NP_w.t:<case> = NP_0.b:<case>
NP_w.t:<agr> = NP_0.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
PP_0.b:<wh> = NP_0:<wh>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

15 Tree "alphaRpW0nx1VA2bynx0"

15.1 graphe



15.2 comments

```
Wh question on NP0 in passivized adjectival resultative constructions, by-phrase extracted

'By who was the barn painted red'
Topicalization:
'By John the barn was painted red'
```

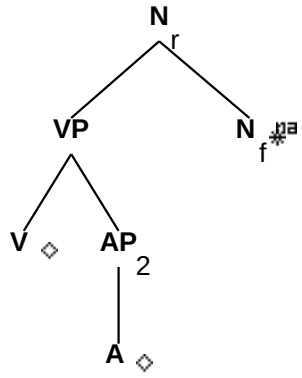
15.3 features

```
P_0.b:<assign-case> = acc
PP_0.b:<assign-case> = P_0.t:<assign-case>



S_q.b:<extracted> = +
S_q.b:<inv> = S_r.t:<inv>
S_q.b:<inv> = S_q.b:<invlink>

NP_0:<case> = PP_0.b:<assign-case>
PP_0.b:<wh> = NP_0:<wh>
S_q.b:<wh> = PP_0.t:<wh>
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
S_r.b:<inv> = -
S_r.b:<mode> = VP.t:<mode>
S_r.t:<comp> = nil
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
```

S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<control> = NP_1.t:<control>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
V.t:<punct struct> = nil
VP.b:<passive> = V.t:<passive>
PP_0.t:<trace> = PP.t:<trace>
S_r.t:<conj> = nil
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>

16 Tree "betaRVA2transn"

16.1 graphe



16.2 comments

-ed adjectives are prevalent in the language, but are restricted to transitive verbs. This tree handles sentences like:

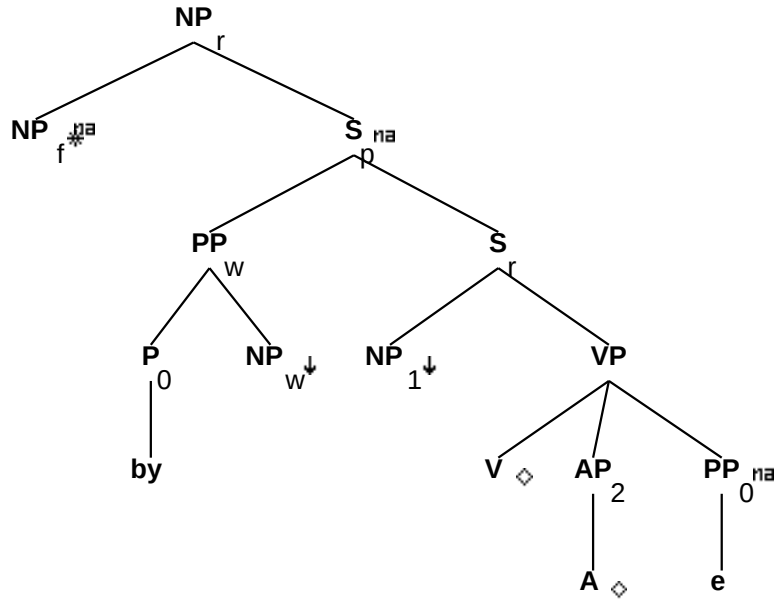
```
 'The watered-flat tulips'
 'The danced-thin soles'
```

16.3 features

```
N_f:<case> = nom/acc
N_r.b:<case> = N_f:<case>
N_r.b:<agr> = N_f:<agr>
N_r.b:<wh> = N_f:<wh>
N_r.b:<pron> = N_f:<pron>
N_r.b:<conj> = N_f:<conj>

V.t:<mode> = ppart
V.t:<punct struct> = nil
VP.t:<mode> = VP.b:<mode>
VP.b:<mode> = VP.t:<mode>

VP.b:<compar> = -
N_r.b:<const> = N_f.t:<const>
N_r.b:<gen> = N_f.t:<gen>
N_r.b:<definite> = N_f.t:<definite>
N_r.b:<quan> = N_f.t:<quan>
N_r.b:<card> = N_f.t:<card>
N_r.b:<decreas> = N_f.t:<decreas>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

17 Tree "betaRNbynx0nx1VA2bynx0"

17.1 graphe



17.2 comments

Relative clause, extraction of NP0 from by-phrase in an adjectival resultative:

'(I saw) the man who the barn was painted red by'

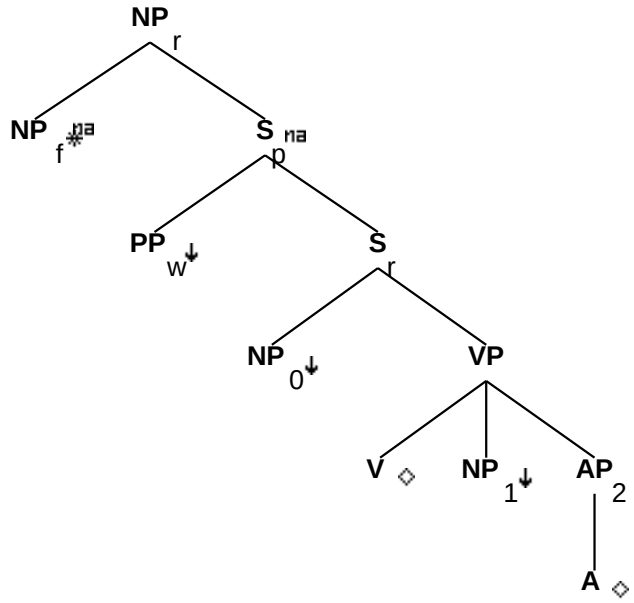
17.3 features

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<mode> = ind/inf
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<control> = NP_1.t:<control>
VP.t:<mode> = ind
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>

```
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
V.t:<punct struct> = nil
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
P_0.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<wh> = +
S_r.t:<comp> = nil
PP_w.t:<trace> = PP_0.b:<trace>
PP_w.t:<case> = PP_0.b:<case>
PP_w.t:<agr> = PP_0.b:<agr>
PP_w.b:<assign-case> = P_0.t:<assign-case>
PP_w.b:<assign-case> = NP_w.t:<case>
PP_w.b:<wh> = NP_w.t:<wh>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

18 Tree "betaRNpxnx0Vnx1A2"

18.1 graphe



18.2 comments

Relative clause on a PP adjunct of an adjectival resultative (w/ overt wh rel. pronoun):

'The day on which I watered the tulips flat'
'The club in which we danced our soles thin'

18.3 features

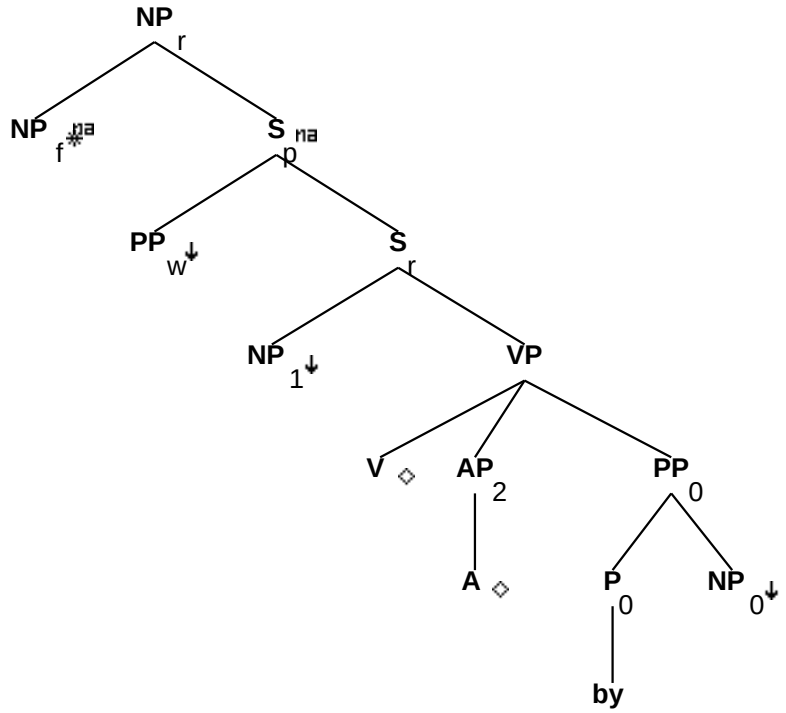
S_r.b:<extracted> = -

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -

```
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<inv> = -
S_r.b:<control> = NP_0.t:<control>
S_r.t:<inv> = -
PP_w.t:<wh> = +
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

19 Tree "betaRNpxnx1VA2bynx0"

19.1 graphe



19.2 comments

Relative clause on a PP adjunct of a passivized adjectival resultative (w/ by phrase):

'The day on which the barn was painted red by Max'
'THe club in which the soles were danced thin by John and Mary'

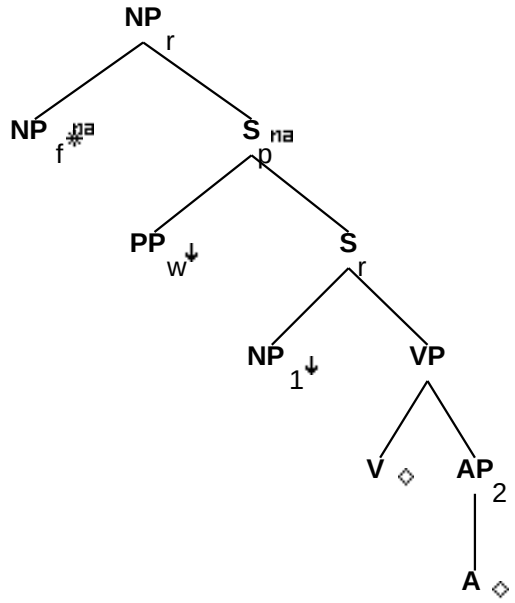
19.3 features

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<extracted> = -
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>

```
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
S_r.b:<inv> = -
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
P_0.b:<assign-case> = acc
S_r.b:<control> = NP_1.t:<control>
S_r.t:<inv> = -
PP_w.t:<wh> = +
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
PP_0.b:<wh> = NP_0:<wh>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

20 Tree "betaRNpxnx1VA2"

20.1 graphe



20.2 comments

```
Relative clause on a PP adjunct of a passivized adjectival resultative (w/out  by phrase):

'The day on which the barn was painted red'
'The club in which the soles were danced thin'
```

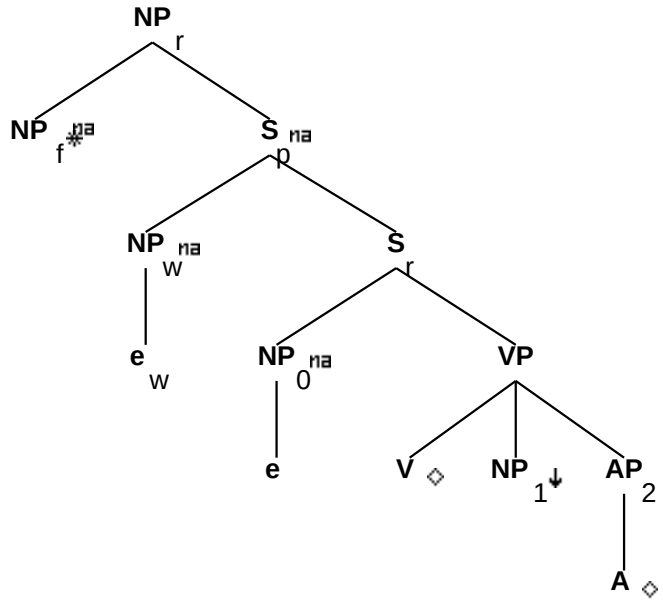
20.3 features

```
S_r.b:<extracted> = -
S_r.b:<mode> = VP.t:<mode>



S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
```

```
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
S_r.b:<inv> = -
S_r.b:<control> = NP_1.t:<control>
S_r.t:<inv> = -
PP_w.t:<wh> = +
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

21 Tree "betaRNc0nx0Vnx1A2"

21.1 graphe



21.2 comments

That relative clause on the subject of an adjectival resultative:

'The tulips that I watered flat'
'The shoes that I ran threadbare'

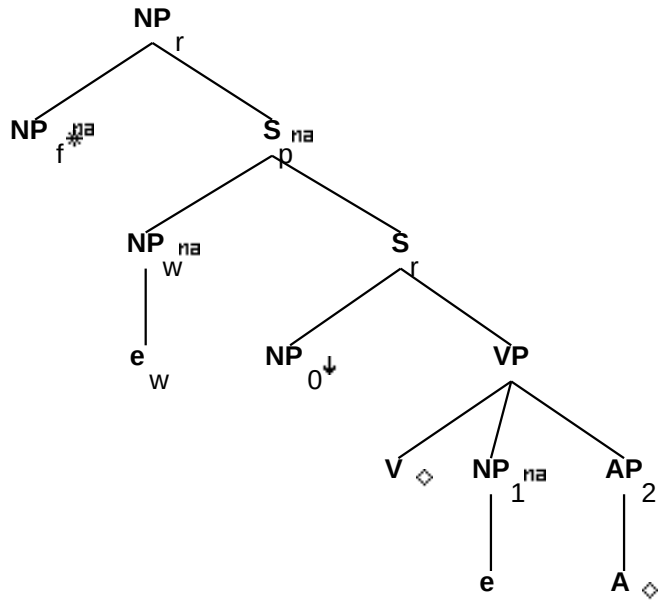
21.3 features

S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.t:<inv> = -
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-comp> = V.t:<assign-comp>

```
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_0.b:<trace>
NP_w.t:<case> = NP_0.b:<case>
NP_w.t:<agr> = NP_0.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ger/ind
S_r.t:<nocomp-mode> = inf/ger
VP.t:<assign-comp> = that/ind_nil/inf_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<refl> = -
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

22 Tree "betaRNc1nx0Vnx1A2"

22.1 graphe



22.2 comments

That relative clause on the object of an adjectival resultative:

'(I saw) the barn that was painted red'

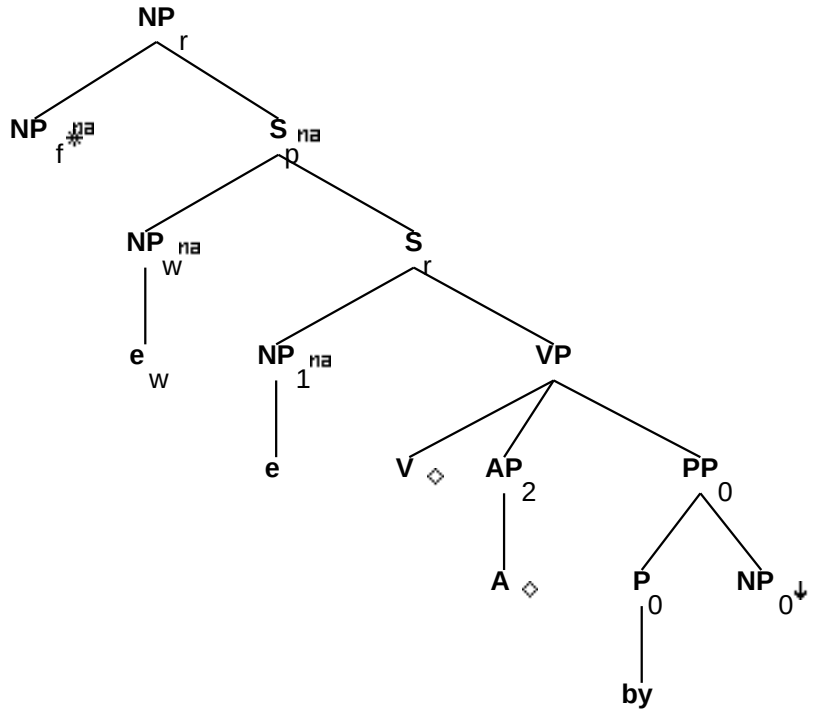
22.3 features

```
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<comp> = nil
S_r.t:<inv> = -
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<agr> = NP_f.t:<agr>
NP_1.t:<case> = acc
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
V.t:<punct struct> = nil
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mode> = V.t:<mode>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
NP_f.b:<refl> = -
S_r.t:<conj> = nil

S_r.b:<control> = NP_0.t:<control>
NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ind
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
NP_f.b:<refl> = -
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
```

AP_2.b:<equiv> = A.t:<equiv>

23 Tree "betaRNc1nx1VA2bynx0"

23.1 graphe



23.2 comments

That relative clause, extraction from NP1 of a passivized adjectival resultative (w/ by phrase)

'(I saw) the barn that was painted read by Max'
'(I saw) the shoes that were run threadbare by Tobias'

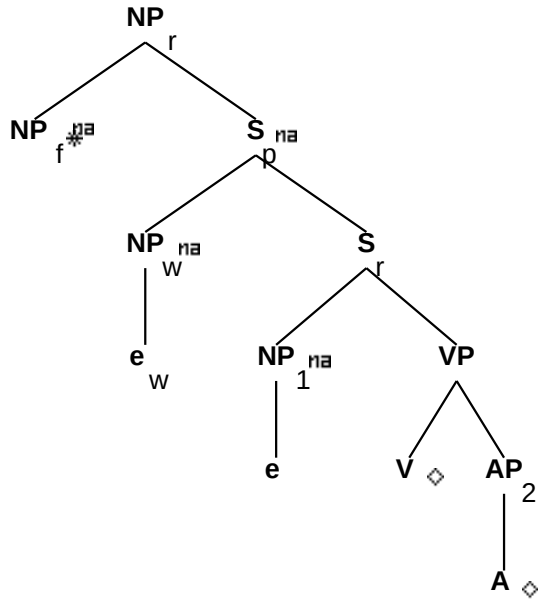
23.3 features

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>

```
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
V.t:<punct struct> = nil
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<compar> = -
NP_f.b:<refl> = -
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
P_0.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ger/ind/ppart
S_r.t:<nocomp-mode> = ind/ger/ppart
VP.t:<assign-comp> = that/inf_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
PP_0.b:<wh> = NP_0:<wh>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

24 Tree "betaRNc1nx1VA2"

24.1 graphe



24.2 comments

```
That relative clause, extraction from NP1 of a passivized adjectival
resultative (w/out  by phrase)

'(I saw) the barn that was painted read'
'(I saw) the shoes that were run threadbare'
```

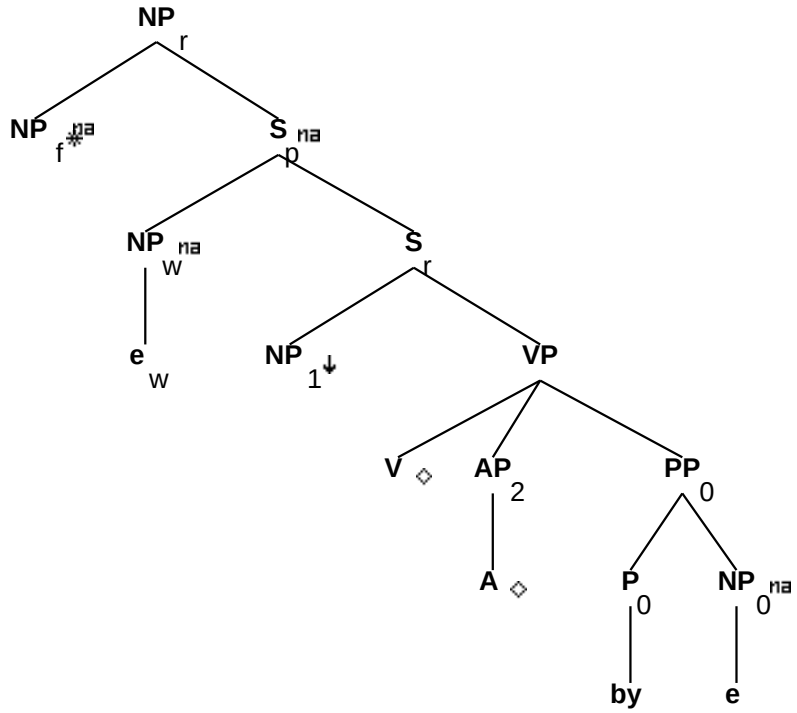
24.3 features

```
NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
```

```
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<assign-comp> = ppart_nil
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
V.t:<punct struct> = nil
NP_f.b:<refl> = -
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_1.b:<trace>
NP_w.t:<case> = NP_1.b:<case>
NP_w.t:<agr> = NP_1.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ppart/ger/ind
S_r.t:<mode> = ind/inf/ger/ppart
S_r.t:<nocomp-mode> = ind/ger/ppart
VP.t:<assign-comp> = that/inf_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

25 Tree "betaRNc0nx1VA2bynx0"

25.1 graphe



25.2 comments

That relative clause, extraction of NP0 from by-phrase of a passivized adjectival resultative:

'(I saw) the man that the barn was painted red by'
'(I know) the folks that the soles were danced thin by'

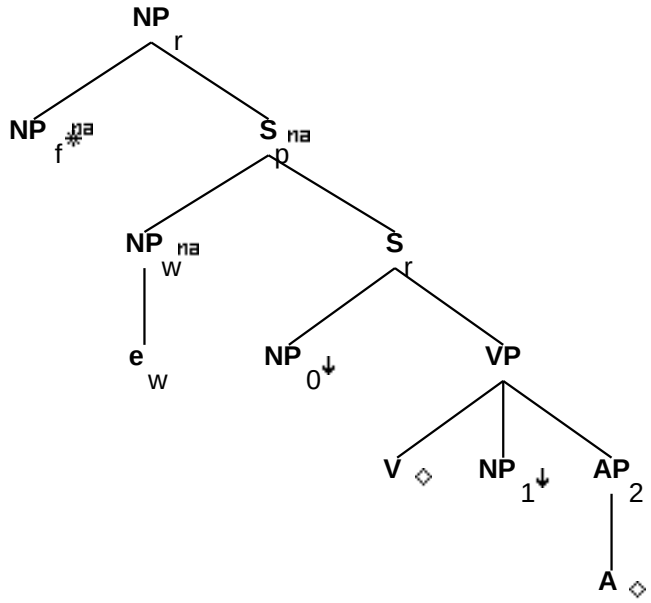
25.3 features

NP_f.t:<agr> = NP_r.b:<agr>
NP_f.t:<wh> = NP_r.b:<wh>
NP_f.t:<case> = NP_r.b:<case>
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<agr> = NP_1.t:<agr>
S_r.b:<assign-case> = NP_1.t:<case>

```
S_r.b:<control> = NP_1.t:<control>
VP.t:<mode> = ind
VP.b:<passive> = +
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
NP_f.b:<refl> = -
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
P_0.b:<assign-case> = acc
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_0.b:<trace>
NP_w.t:<case> = NP_0.b:<case>
NP_w.t:<agr> = NP_0.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ind
S_r.t:<mode> = ind/inf
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
NP_f.b:<refl> = -
PP_0.b:<wh> = NP_0:<wh>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

26 Tree "betaRNcnx0Vnx1A2"

26.1 graphe



26.2 comments

That relative clause on an adjunct of an adjectival resultative:

'The day that I painted the barn red'

26.3 features

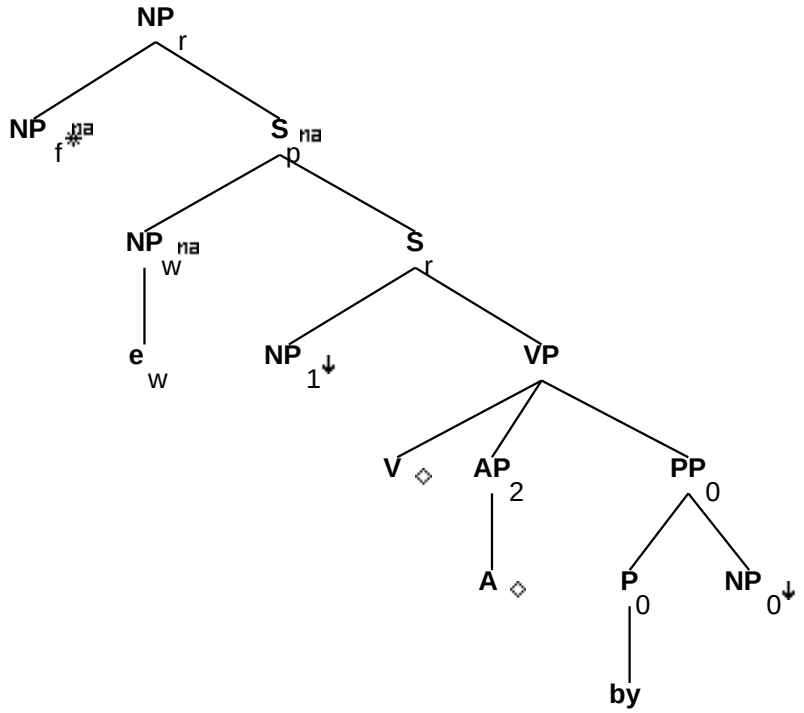
S_r.b:<extracted> = -

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>

```
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<inv> = -
S_r.b:<control> = NP_0.t:<control>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<inv> = -
S_r.t:<mode> = ind/inf
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

27 Tree "betaRNcnx1VA2bynx0"

27.1 graphe



27.2 comments

```
That relative clause on an adjunct of apassivized  adjectival resultative:

'The day that the barn was painted red by Max'
```

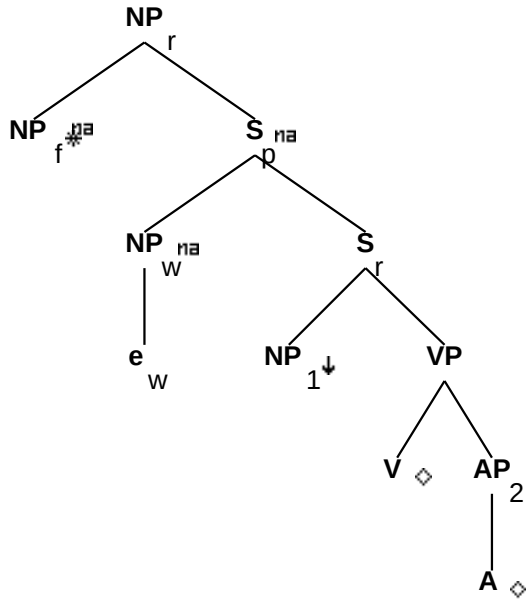
27.3 features

```
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<extracted> = -
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
```

```
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
V.t:<punct struct> = nil
S_r.b:<inv> = -
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
P_0.b:<assign-case> = acc
S_r.b:<control> = NP_1.t:<control>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<inv> = -
S_r.t:<mode> = ind/inf
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
PP_0.b:<wh> = NP_0:<wh>
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

28 Tree "betaRNcnx1VA2"

28.1 graphe



28.2 comments

That relative clause on an adjunct of apassivized adjectival resultative (w/out by phrase):

'The day that the barn was painted red'

28.3 features

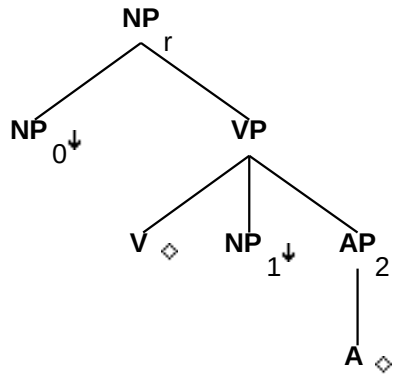
S_r.b:<extracted> = -
S_r.b:<mode> = VP.t:<mode>

S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_1:<agr> = S_r.b:<agr>
NP_1:<case> = S_r.b:<assign-case>
NP_1:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>

```
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
S_r.b:<inv> = -
S_r.b:<control> = NP_1.t:<control>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<inv> = -
S_r.t:<mode> = ind/inf
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
NP_r.b:<compar> = NP_f.t:<compar>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

29 Tree "alphaRGnx0Vnx1A2"

29.1 graphe



29.2 comments

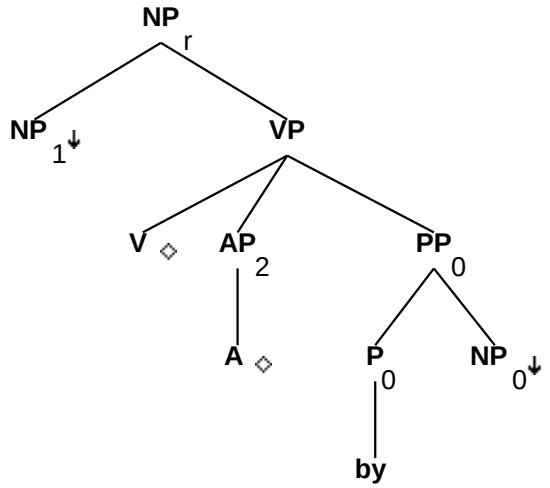
```
Adjectival resultativ NP gerund tree:
'Bill approved of 'Peter painitng the barn red''
'Bill approved of 'Simone's painting the barn red''
'John was talking about 'painting  the barn red''
```

29.3 features

```
NP_0:<case> = acc/none/gen
NP_0:<wh> = NP_r.b:<wh>
NP_r.b:<compar> = NP_0:<compar>
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_1:<case> = acc


VP.t:<mode> = ger

VP.b:<compar> = -
NP_r.b:<gerund> = +
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

30 Tree "alphaRGnx1VA2bynx0"

30.1 graphe



30.2 comments

Adjectival resultative gerund passive with the 'by' phrase:
'John approved of 'the barn being painted red by Jens''

30.3 features

NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +

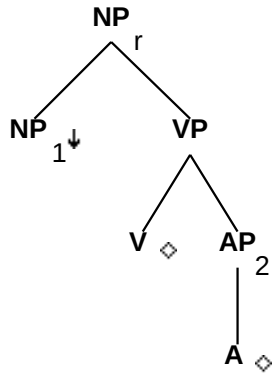
NP_1:<case> = acc/none/gen
NP_1:<wh> = NP_r.b:<wh>
NP_r.b:<compar> = NP_1:<compar>
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>

NP_r.b:<gerund> = +

PP_0.b:<assign-case> = P_0.t:<assign-case>
P_0.b:<assign-case> = acc
NP_0:<case> = PP_0.b:<assign-case>
PP_0.b:<wh> = NP_0:<wh>
VP.t:<mode> = ger
VP.b:<compar> = -
V.t:<mode> = ppart
V.t:<passive> = +
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>

31 Tree "alphaRGnx1VA2"

31.1 graphe



31.2 comments

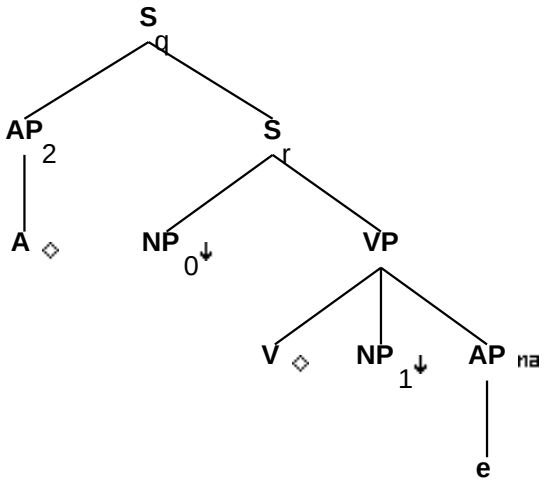
```
Adectival resultative gerund passive without the 'by' phrase:
'John was bothered by 'the barn being painted''
```

31.3 features

```
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +

NP_r.b:<wh> = NP_1:<wh>
NP_r.b:<compar> = NP_1:<compar>
NP_1:<case> = acc/none/gen

NP_r.b:<gerund> = +
VP.t:<mode> = ger
VP.b:<compar> = -

VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
V.t:<mode> = ppart
V.t:<passive> = +
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
```

32 Tree "alphaRWA2nx0Vnx1A2"

32.1 graphe



32.2 comments

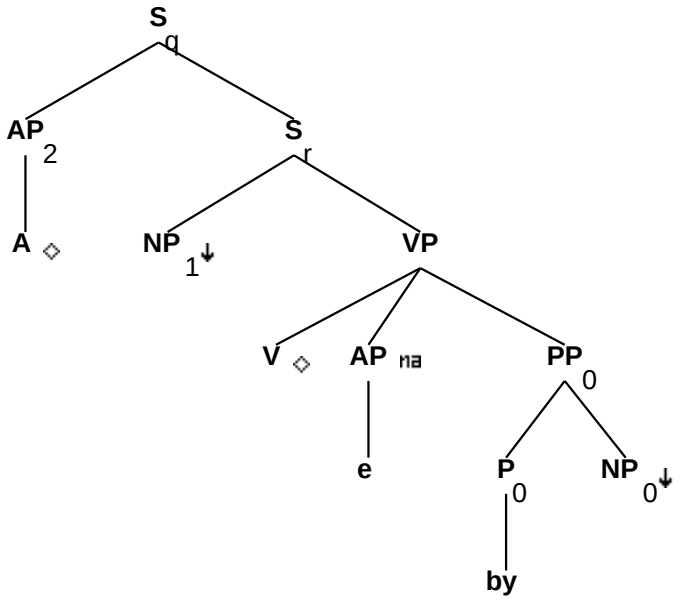
NIL

32.3 features

```
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<control> = NP_0.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<assign-case> = VP.t:<assign-case>

NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
V.t:<passive> = -
NP_1.t:<case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>
S_q.b:<inv> = S_q.b:<invlink>
S_q.b:<wh> = AP_2.t:<wh>
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
S_r.t:<comp> = nil
S_r.t:<conj> = nil
AP.t:<trace> = AP_2.t:<trace>
AP.t:<wh> = AP_2.t:<wh>
AP_2.t:<wh>=+
```

33 Tree "alphaRWA2nx1VA2bynx0"

33.1 graphe



33.2 comments

NIL

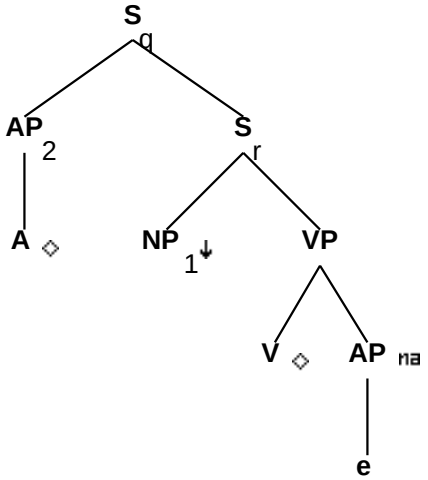
33.3 features

```
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<control> = NP_1.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_1.t:<agr> = S_r.b:<agr>
NP_1.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
```

```
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
PP_0.b:<assign-case> = P_0.t:<assign-case>
PP_0.b:<assign-case> = NP_0.t:<case>
PP_0.b:<wh> = NP_0.t:<wh>
P_0.b:<assign-case> = acc
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>
S_q.b:<inv> = S_q.b:<invlink>
S_q.b:<wh> = AP_2.t:<wh>
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
S_r.t:<comp> = nil
S_r.t:<conj> = nil
AP.t:<trace> = AP_2.t:<trace>
AP.t:<wh> = AP_2.t:<wh>
AP_2.t:<wh>=+
```

34 Tree "alphaRWA2nx1VA2"

34.1 graphe



34.2 comments

NIL

34.3 features

```
S_r.b:<inv> = -
S_r.b:<comp> = nil
S_r.b:<control> = NP_1.t:<control>
S_r.b:<mode> = VP.t:<mode>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_1.t:<agr> = S_r.b:<agr>
NP_1.t:<case> = S_r.b:<assign-case>

VP.b:<compar> = -
VP.b:<mode> = V.t:<mode>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<passive> = V.t:<passive>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
V.t:<punct struct> = nil
V.t:<mode> = ppart
V.t:<passive> = +
AP_2.b:<wh> = A.t:<wh>
AP_2.b:<compar> = A.t:<compar>
AP_2.b:<equiv> = A.t:<equiv>
S_q.b:<extracted> = +

S_q.b:<inv> = S_r.t:<inv>
S_q.b:<inv> = S_q.b:<invlink>
S_q.b:<wh> = AP_2.t:<wh>
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<comp> = nil
S_r.t:<comp> = nil
S_r.t:<conj> = nil
AP.t:<trace> = AP_2.t:<trace>
AP.t:<wh> = AP_2.t:<wh>
AP_2.t:<wh>=+
```