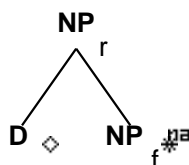# Family "determiners"

March 5, 2008

1 Tree "betaDnx"

### 1.1 graphe

1.2 comments

```
Determiner tree for adjunction analysis of NPs/dets.  Replaces BetaDdx
that adjoined onto DetPs.  The <rel-clause> feature on NP_f prevents
determiners from adjoining above relative clauses.
```

1.3 features

```
NP_r.b:<conj> = NP_f.t:<conj>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<const> = D.t:<const>
NP_r.b:<definite> = D.t:<definite>
NP_r.b:<quan> = D.t:<quan>
NP_r.b:<card> = D.t:<card>
NP_r.b:<gen> = D.t:<gen>
NP_r.b:<compl> = D.t:<compl>
NP_r.b:<decreas> = D.t:<decreas>
NP_r.b:<wh> = D.t:<wh>
NP_f.t:<rel-clause> = -
NP_f.t:<gerund> = -
NP_f.t:<case> = nom/acc
NP_r.b:<compar> = -
NP_r.b:<conj> = and/or/nil
```
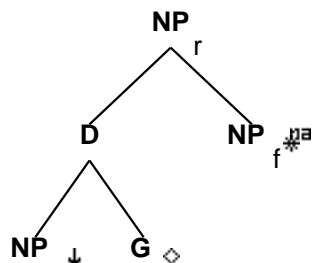
2 Tree "betaNofnx"

2.1 graphe

NP _{na}
r

D　　　　**NP** _{na}
　　　　　　f

NP　　**P**

N ◇　　**of**
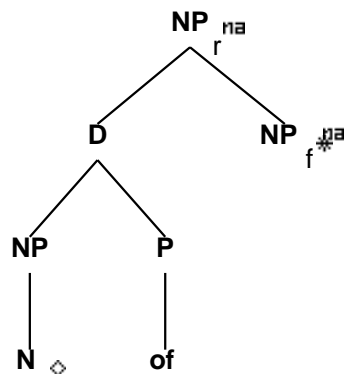
2.2 comments

```
Partitive NP as complex determiner:
most of her friend
a group of her friends
```

2.3 features

```
NP_r.b:<conj> = NP_f.t:<conj>
NP_r.b:<case> = NP_f.t:<case>
D.b:<wh> = NP.t:<wh>
NP_r.b:<wh> = D.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<const> = D.t:<const>
NP_r.b:<definite> = D.t:<definite>
NP_r.b:<quan> = D.t:<quan>
NP_r.b:<card> = D.t:<card>
NP_r.b:<gen> = D.t:<gen>
NP_r.b:<compl> = D.t:<compl>
NP_r.b:<decreas> = D.t:<decreas>
NP_f.t:<rel-clause> = -
NP_f.t:<gerund> = -
N.t:<agr> = NP.b:<agr>
N.t:<case> = NP.b:<case>
NP_f.t:<case> = nom/acc
N.t:<wh> = NP.b:<wh>
NP_r.b:<compar> = -
NP_f.t:<conj> = and/or/nil
```

3 Tree "betanxGnx"

3.1 graphe

3.2 comments

```
Possessive ''s' on NP, which can adjoin to another DetP:

John's five dogs
```

3.3 features

```
NP.t:<case> = nom/acc
D.b:<wh> = NP.t:<wh>
D.b:<gen> = G.t:<gen>
G.b:<gen> = +
NP_r.b:<wh> = D.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_f.t:<conj> = NP_r.b:<conj>
NP_r.b:<definite> = D.t:<definite>
NP_r.b:<quan> = D.t:<quan>
NP_r.b:<card> = D.t:<card>
NP_r.b:<gen> = D.t:<gen>
NP_r.b:<compl> = D.t:<compl>
NP_r.b:<decreas> = D.t:<decreas>
NP_r.b:<case> = NP_f.t:<case>
NP_f.t:<case> = nom/acc
NP_f.t:<decreas> = -
NP_f.t:<definite> = -
NP_f.t:<card> = -
NP_f.t:<const> = -
NP_f.t:<gen> = -
NP_f.t:<quan> = -
NP_r.b:<compar> = -
NP_f.t:<gerund> = -
NP_f.t:<rel-clause> = -
NP_r.b:<conj> = and/or/nil
```
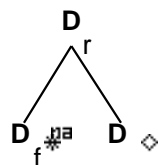
4   Tree "betadD"

4.1   graphe

```
        D
         r
        / \
       /   \
    D       D
     f          ◇
```

4.2   comments

```
NIL
```

4.3   features

```
D_r.b:<wh> = D_f.t:<wh>
D_r.b:<decreas> = D_f.t:<decreas>
D_r.b:<card> = D_f.t:<card>
D_r.b:<quan> = D_f.t:<quan>
D_r.b:<definite> = D_f.t:<definite>
D_r.b:<gen> = D_f.t:<gen>
D_r.b:<compl> = D_f.t:<compl>
D_r.b:<const> = D_f.t:<const>
D_r.b:<agr> = D.t:<agr>
D.t:<agr num> = plur
```
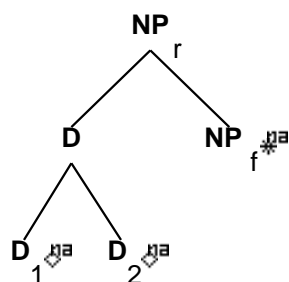
5   Tree "betaDDnx"

5.1   graphe

```
            NP
              r
           /    \
          /      \
        D          NP
       / \            f
      /   \
    D      D
     1      2
```

5.2   comments

```
Determiner tree for adjunction analysis of NPs/dets.  Replaces BetaDdx
that adjoined onto DetPs.  The <rel-clause> feature on NP_f prevents
determiners from adjoining above relative clauses.

This tree is used for multi-component determiners such as 'a few' and 'many a',
as in 'We had a few drops of rain in July, but not much more than that.', and
```

'Many a man has attempted this stunt, but none has succeeded.'

5.3 features

```
NP_r.b:<conj> = NP_f.t:<conj>
NP_r.b:<case> = NP_f.t:<case>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<const> = D.t:<const>
NP_r.b:<definite> = D.t:<definite>
NP_r.b:<quan> = D.t:<quan>
NP_r.b:<card> = D.t:<card>
NP_r.b:<gen> = D.t:<gen>
NP_r.b:<compl> = D.t:<compl>
NP_r.b:<decreas> = D.t:<decreas>
NP_r.b:<wh> = D.t:<wh>
NP_f.t:<rel-clause> = -
NP_f.t:<case> = nom/acc
NP_r.b:<compar> = -
NP_f.t:<gerund> = -
NP_r.b:<conj> = and/or/nil
```