PP-attachment ambiguity:

(1) VP-attachement

```
                         S
           ┌─────────────┴─────────────┐
          NP                           VP
        ┌──┴──┐          ┌──────────────┼──────────────┐
       Det    N          V             NP              PP
        │     │          │          ┌───┴───┐       ┌───┴───┐
       The   cop        saw        Det      N       P      NP
                                    │       │       │    ┌──┴──┐
                                   the   burglar  with  Det   N
                                                         │    │
                                                        the  gun
```

(2) NP-attachment

```
                       S
          ┌────────────┴────────────┐
         NP                         VP
       ┌──┴──┐          ┌────────────┴────────────┐
      Det    N          V                        NP
       │     │          │          ┌──────────────┴──────────────┐
      The   cop        saw        NP                             PP
                            ┌──────┴──────┐              ┌────────┴────────┐
                           Det            N              P                NP
                            │             │              │             ┌───┴───┐
                           the         burglar         with          Det      N
                                                                       │       │
                                                                      the     gun
```

```
                     S
        ┌────────────┴────────────┐
       NP                         VP
     ┌──┴──┐          ┌────────────┴────────────┐
    Det    N          V                        NP
     │     │          │          ┌──────────────┼──────────────┐
    The   cop        saw        Det             N              PP
                                 │              │          ┌────┴────┐
                                the          burglar       P        NP
                                                           │      ┌──┴──┐
                                                          with   Det   N
                                                                  │    │
                                                                 the  gun
```
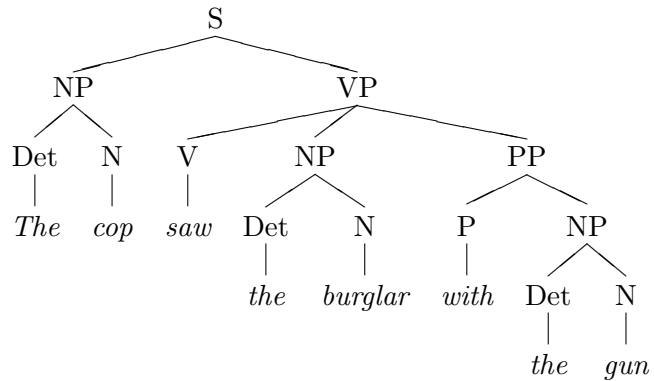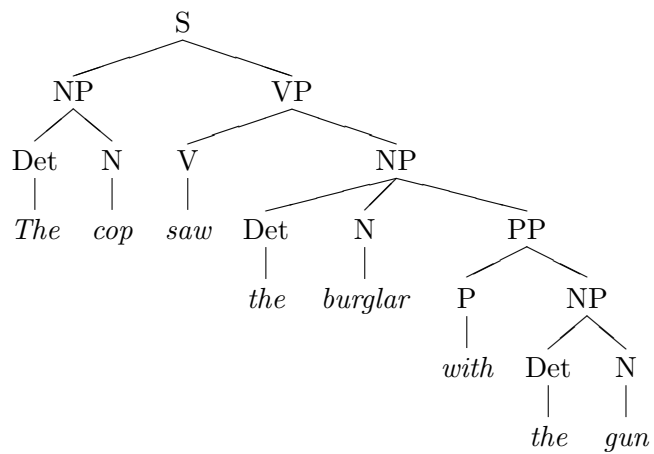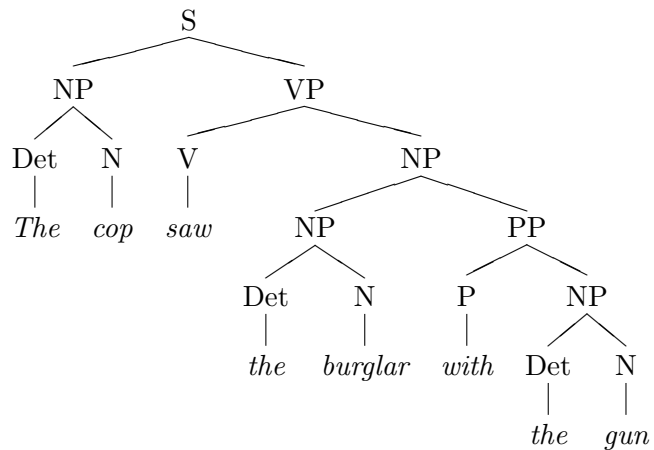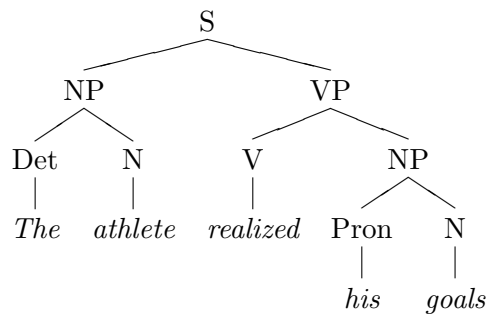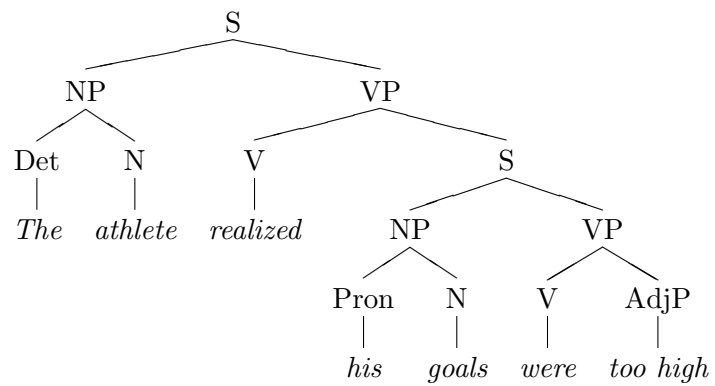
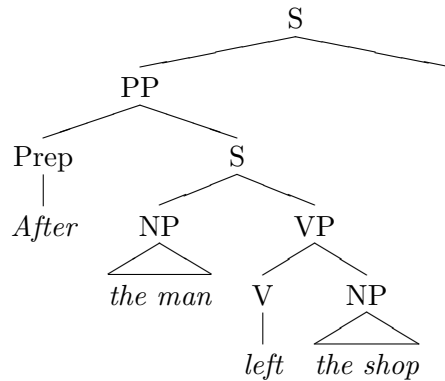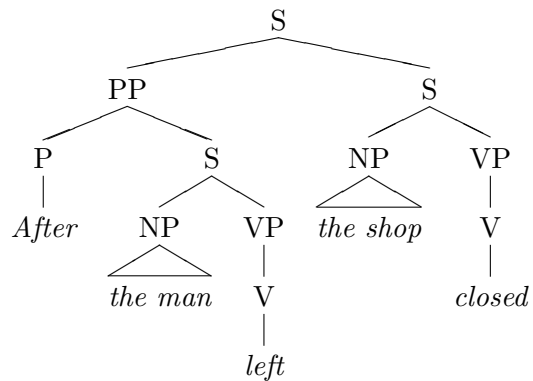Direct Object/Sentential Complement ambiguity:

(3) Direct Object analysis

```
                    S
          ┌─────────┴─────────┐
         NP                   VP
       ┌──┴──┐          ┌──────┴──────┐
      Det    N          V            NP
       │     │          │         ┌───┴───┐
      The  athlete   realized    Pron     N
                                  │        │
                                 his     goals
```

(4) Sentential Complement analysis:

```
                        S
              ┌─────────┴──────────┐
             NP                    VP
           ┌──┴──┐         ┌───────┴────────┐
          Det    N         V                S
           │     │         │          ┌─────┴─────┐
          The  athlete  realized      NP          VP
                                   ┌──┴──┐      ┌──┴───┐
                                 Pron    N      V     AdjP
                                   │     │      │       │
                                  his  goals  were   too high
```

Some more direct object /sentential complement ambiguity:

(5) Direct Object

```
                              S
                 _____/ _____
                PP
          _____/ \_____
        Prep           S
         |        ____/ \____
       After     NP          VP
               /  \        _/  \_
            the man       V       NP
                          |      /  \
                        left   the shop
```

(6) Sentential Complement

```
                         S
               _____/ _____
              PP                     S
          ___/ \___            ____/ \____
         P         S          NP          VP
         |       _/ \_       /  \         |
       After    NP    VP   the shop       V
               / \    |                   |
            the man   V                 closed
                      |
                    left
```

Main Clause/Reduced relative clause ambiguity

(7) Main clause analysis

```
                    S
              _____/ \_____
            NP             VP
           /  \          _/  \_
        The man         V       NP
                        |      /  \
                    delivered the junkmail
```

(8)　Reduced relative clause analysis

```
                            S
              ┌─────────────┴──────────────┐
             NP                            VP
        ┌─────┴─────┐                    ┌──┴──┐
       NPᵢ          S                    V
      ╱───╲    ┌────┴────┐               │
   The man   OPᵢ        S              threw
              │     ┌────┴────┐
             NP    VP
             △  ┌───┴────┐
             eᵢ V       NP
                │      ╱────╲
           delivered  the junkmail
```
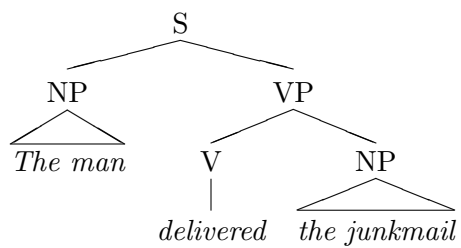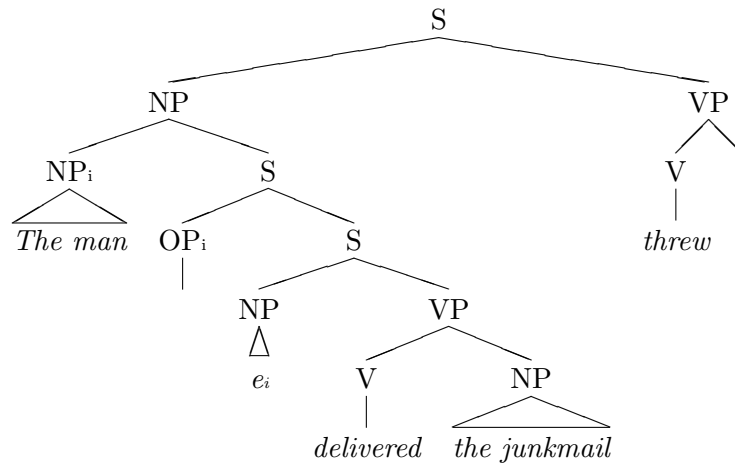
Complement Clause/Reduced relative clause ambiguity

(9)   Complement clause analysis

```
                        S
              ┌─────────┴──────────┐
             NP                    VP
            ╱  ╲          ┌────────┼──────────────┐
        The doctor        V       NP               S
                          │     ╱    ╲       ╱──────────╲
                        told   Det    N'    that he was in love with her
                                │      │
                               the   woman
```

(10)   simple

```
                     S
            ┌────────┴───────┐
           NP                VP
          ╱  ╲        ┌──────┴──────┐
      The doctor      V             NP
                      │       ┌──────┴──────┐
                    told      Det           N'
                              │        ┌─────┴──────┐
                             the       N'           CP
                                       │        ╱────────╲
                                     woman   that he was in love with
```

(11) Reduced relative clause analysis

```
                          S
             _____/ _____
            NP                        VP
           /  \           _____/ / _____
      The doctor         /          /            \
                        V          NP            VPinF
                        |      ___/ | \___        / \
                      told   Det   N'    CP     to leave
                             |     |    /  \
                            the  woman  that he was in love with
```