Trees and numbered examples in LaTeX
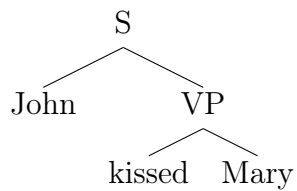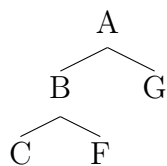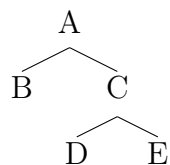
Alanah McKillen & Brian Buccola
August 20, 2012
McGill University

1 Basic Tree Drawing

IP
├─ NP
│ └─ N′
│   └─ N⁰

[Syntax tree 1]
- IP
  - NP
    - N′
      - N⁰
        - John
  - I′
    - I⁰
      - +pst
    - VP
      - V′
        - V⁰
          - kissed
        - NP
          - N′
            - N⁰
              - Mary

[Syntax tree 2]
- A
  - leaf₁
  - B
    - leaf₂
    - C
      - leaf₃
      - D
        - leaf₄
        - E
          - leaf₅
          - F
            - leaf₆
            - G
              - leaf₇
              - last

```
                    IP
          ┌──────────┴──────────┐
         NP                      I′
         ╱╲            ┌─────────┴─────────┐
       John           I⁰                   VP
                       │                    │
                     +pst                   V′
                              ┌─────────────┴─────────┐
                             V⁰                        NP
                              │                        ╱╲
                           kissed                     Mary
```

2   Drawing Arrows

```
                    IP
          ┌──────────┴──────────┐
         NP                      I′
          │            ┌─────────┴─────────┐
         N′           I⁰                   VP
          │            │                    │
         N⁰          was                    V′
          │                         ┌───────┴───────┐
       Maryᵢ                       V⁰               tᵢ
          ↑                         │
          │                      kissed
          └──────────────────────────┘
```

3

TP
DP$_j$ T′
John
was VP
willing TP
DP$_2$ TP
every NP PRO$_j$ T′
book CP to VP
Op$_1$ C′ read t$_2$
that TP
DP T′
Mary
did VP
read t$_1$

3   Trees and numbered examples

(1)

A
B E
C D F

(2)   a.

S
John VP
kissed   Mary

4

b.

```
                    IP
            ┌────────┴────────┐
           NP                 I′
            │           ┌─────┴─────┐
           N′          I⁰          VP
            │           │           │
           N⁰         +pst         V′
            │                 ┌─────┴─────┐
          John               V⁰          NP
                              │           │
                            kissed       N′
                                          │
                                         N⁰
                                          │
                                        Mary
```

(3) a.

```
           S
      ┌────┴────┐
    John       VP
           ┌────┴────┐
         kissed    Mary
```

b.

```
                    IP
            ┌────────┴────────┐
           NP                 I′
            │           ┌─────┴─────┐
           N′          I⁰          VP
            │           │           │
           N⁰         +pst         V′
            │                 ┌─────┴─────┐
          John               V⁰          NP
                              │           │
                            kissed       N′
                                          │
                                         N⁰
                                          │
                                        Mary
```